

1900

76th Annual Announcement: Session of 1900-1901 for the Jefferson Medical College of Philadelphia and Its Hospital with a Register of Students for 1899-1900

Let us know how access to this document benefits you

Follow this and additional works at: http://jdc.jefferson.edu/jmc_catalogs

 Part of the [History of Science, Technology, and Medicine Commons](#)

Recommended Citation

"76th Annual Announcement: Session of 1900-1901 for the Jefferson Medical College of Philadelphia and Its Hospital with a Register of Students for 1899-1900" (1900). *Jefferson Medical College Catalogs*. Paper 79.

http://jdc.jefferson.edu/jmc_catalogs/79

This Article is brought to you for free and open access by the Jefferson Digital Commons. The Jefferson Digital Commons is a service of Thomas Jefferson University's [Center for Teaching and Learning \(CTL\)](#). The Commons is a showcase for Jefferson books and journals, peer-reviewed scholarly publications, unique historical collections from the University archives, and teaching tools. The Jefferson Digital Commons allows researchers and interested readers anywhere in the world to learn about and keep up to date with Jefferson scholarship. This article has been accepted for inclusion in Jefferson Medical College Catalogs by an authorized administrator of the Jefferson Digital Commons. For more information, please contact: JeffersonDigitalCommons@jefferson.edu.

76th Annual Announcement

SESSION OF 1900-1901

**JEFFERSON
MEDICAL
COLLEGE
OF PHILADELPHIA
AND ITS HOSPITAL**

REGISTER OF STUDENTS

FOR 1899-1900

BOARD OF TRUSTEES.

HON. WILLIAM POTTER,

President.

SIMON GRATZ,

Secretary.

EDWARD H. WEIL,

Treasurer.

SIMON GRATZ,

EDWARD H. WEIL,

HON. MICHAEL ARNOLD,

SUTHERLAND M. PREVOST,

HON. WILLIAM POTTER,

JOSEPH DE F. JUNKIN,

LOUIS C. VANUXEM,

HON. SAMUEL GUSTINE THOMPSON,

CHARLES HEBARD

DANIEL BAUGH,

EDWARD I. SMITH,

HON. GEORGE F. EDMUNDS,

HON. MAYER SULZBERGER, LL.D.

CHARLES C. TOWNSEND.

CALENDAR.

1900

April 18th REGISTRATION FOR RESERVED SEATS. BOOK
OPENED THIS DAY. STUDENTS MUST
CLAIM THEIR SEATS IN PERSON BY OCT.
10TH, OR FORFEIT THEM.

June 1st EXAMINATION FOR ENTRANCE, 11 A. M.

September 23d EXAMINATION FOR THE SHAIN SCHOLARSHIP.

Sept. 25th and Oct. 2d . . . ENTRANCE EXAMINATION, 11 A. M.

October 1st REGULAR SESSION BEGINS. INTRODUCTORY
LECTURE, 8 P. M.

October 1st APPOINTMENTS MADE FOR ENTRANCE AND
GRADING EXAMINATIONS.

November 29th THANKSGIVING DAY; HOLIDAY.

December 21st CHRISTMAS RECESS BEGINS, 6 P. M.

1901

January 3d COLLEGE WORK RESUMED, 9 A. M.

January 15th SECOND TERM BEGINS.

February 22d WASHINGTON'S BIRTHDAY; HOLIDAY.

April 5th HOLIDAY; GOOD FRIDAY.

April 18th REGISTRATION FOR NEXT SESSION.

April 20th ALL LECTURES CLOSE.

April 22d FINAL EXAMINATIONS BEGIN.

May 14th ANNUAL BUSINESS MEETING ALUMNI ASSO-
CIATION.

May 14th ANNUAL DINNER.

May 15th ANNUAL COMMENCEMENT.

OFFICERS OF THE COLLEGE.

FACULTY.

- J. M. DA COSTA, M.D., LL.D., Emeritus Professor of Practice of Medicine and Clinical Medicine, No. 1700 Walnut Street.
- ROBERTS BARTHOLOW, M.D., LL.D., Emeritus Professor of Materia Medica, General Therapeutics, and Hygiene, No. 1527 Locust Street.
- WILLIAM THOMSON, M.D., Emeritus Professor of Ophthalmology, No. 1426 Walnut Street.
- HENRY C. CHAPMAN, M.D., Professor of Institutes of Medicine and Medical Jurisprudence, No. 2047 Walnut Street.
- JOHN H. BRINTON, M.D., Professor of the Practice of Surgery and of Clinical Surgery, No. 1423 Spruce Street.
- JAMES W. HOLLAND, M.D., Professor of Medical Chemistry and Toxicology, and Dean, Jefferson Medical College.
- WILLIAM S. FORBES, M.D., Professor of General, Descriptive, and Surgical Anatomy, No. 901 Pine Street.
- WILLIAM W. KEEN, M.D., LL.D., Professor of the Principles of Surgery and Clinical Surgery, No. 1729 Chestnut Street.
- H. A. HARE, M.D., Professor of Materia Medica and Therapeutics, No. 222 South 15th Street.
- JAMES C. WILSON, M.D., Professor of Practice of Medicine and Clinical Medicine, No. 1437 Walnut Street.
- E. E. MONTGOMERY, M.D., Professor of Gynecology, No. 1703 Walnut Street.
- W. M. L. COPLIN, M.D., Professor of Pathology and Bacteriology, at the College.
- G. E. DE SCHWEINITZ, M.D., Professor of Ophthalmology, No. 1401 Locust Street.
- EDWARD P. DAVIS, M.D., Professor of Obstetrics, No. 250 South 21st Street.
- F. X. DERCUM, M.D., Professor of Neurology and Mental Diseases, No. 1719 Walnut Street.
- J. CHALMERS DA COSTA, M.D., Professor of Principles of Surgery and Clinical Surgery, No. 1629 Locust Street.

J. W. HOLLAND, M.D., Dean of the Faculty,
At the College Building, Tenth and Walnut Streets,
Philadelphia.

HONORARY AND CLINICAL PROFESSORS.

- J. SOLIS-COHEN, M.D., Honorary Professor of Laryngology, No. 1524 Chestnut Street.
- HENRY W. STELWAGON, M.D., Clinical Professor of Dermatology, No. 223 South 17th Street.
- H. AUGUSTUS WILSON, M.D., Clinical Professor of Orthopedic Surgery, No. 1611 Spruce Street.
- EDWIN E. GRAHAM, M.D., Clinical Professor of Diseases of Children, No. 1713 Spruce Street.
- ORVILLE HORWITZ, M.D., Clinical Professor of Genito-Urinary Diseases, No. 1721 Walnut Street.
- S. MACCUEN SMITH, M.D., Clinical Professor of Otology, No. 1502 Walnut Street.
- W. JOSEPH HEARN, M.D., Clinical Professor of Surgery, No. 1120 Walnut Street.
- HOWARD F. HANSELL, M.D., Clinical Professor of Ophthalmology, No. 254 South 16th Street.
- WM. S. JONES, M.D., Clinical Professor of Laryngology, No. 201 Broadway, Camden, N. J.
- D. BRADEN KYLE, M.D., Clinical Professor of Laryngology, No. 1517 Walnut Street.

ADJUNCT AND ASSOCIATE PROFESSORS.

- ALBERT P. BRUBAKER, M.D., Adjunct Professor of Physiology and Hygiene.
- H. F. HARRIS, M.D., Associate Professor of Pathology.

LECTURERS.

- S. SOLIS-COHEN, M.D., Lecturer on Clinical Medicine.
- STRICKER COLES, M.D., Clinical Lecturer on Obstetrics.

DEMONSTRATORS.

- A. HEWSON, M.D., Demonstrator of Anatomy.
- E. Q. THORNTON, M.D., Demonstrator of Therapeutics, Pharmacy, and Materia Medica.
- THOMAS G. ASHTON, M.D., Demonstrator of Clinical Medicine.
- JULIUS L. SALINGER, M.D., Demonstrator of Clinical Medicine.
- ALBERT N. JACOB, M.D., Demonstrator of Chemistry.
- J. M. FISHER, M.D., Demonstrator of Gynecology.
- RANDLE C. ROSENBERGER, M.D., Demonstrator of Normal Histology and Bacteriology, and Curator of the Museum.
- C. A. VEASEY, M.D., Demonstrator of Ophthalmology.
- J. TORRANCE RUGH, M.D., Demonstrator of Orthopedics.
- GEORGE W. SPENCER, M.D., Demonstrator of Surgery.
- C. H. HARBAUGH, M.D., Demonstrator of Syndesmology.
- WM. H. WELLS, M.D., Demonstrator of Clinical Obstetrics.
- WARD BRINTON, M.D., Demonstrator of Physical Diagnosis.
- JAY C. KNIPE, M.D., Demonstrator of Osteology.
- H. R. LOUX, M.D., Demonstrator of Fracture Dressings and Dislocations.

PROSECTOR.

HOWARD R. SWAYNE, M.D., Prosector and Assistant Curator.

INSTRUCTORS AND ASSISTANT DEMONSTRATORS.

MAX BOCHROCH, M.D., Instructor in Electro-Therapeutics.
EMMANUEL J. STOUT, M.D., Instructor in Dermatology.
HOWARD M. SHRINER, M.D., Instructor in Diseases of Children.
E. L. KLOPP, M.D., Instructor in Otolaryngology.
C. W. HOOPES, M.D., Instructor in Otolaryngology.
W. M. SWEET, M.D., Instructor in Ophthalmology.
H. M. RIGHTER, M.D., Instructor in Clinical Obstetrics.
WM. F. MORRISON, M.D., Instructor in Clinical Obstetrics.
C. S. BRADDOCK, M.D., Instructor in Diseases of Children.
A. B. KIRKPATRICK, M.D., Instructor in Laryngology.
W. H. KING, M.D., Instructor in Laryngology.
S. J. SMITH, M.D., Instructor in Obstetrics.
J. P. BOLTON, M.D., Assistant Demonstrator in Chemistry.
HOWARD DEHONEY, M.D., Assistant Demonstrator of Anatomy.
J. K. CRAWFORD, M.D., Assistant Demonstrator of Anatomy.
J. C. DA COSTA, JR., M.D., Assistant Demonstrator of Clinical Medicine.
W. KRUSEN, M.D., Assistant Demonstrator of Gynecology.
F. HURST MATER, M.D., Assistant Demonstrator of Gynecology.
T. J. BUCHANAN, M.D., Assistant Demonstrator of Anatomy and Morbid Anatomy.
D. GREGG METHENY, M.D., Assistant Demonstrator of Surgery.
MARTIN B. TINKER, M.D., Assistant Demonstrator of Surgery and Pathology.
CHARLES S. BRADDOCK, M.D., Assistant Demonstrator of Diseases of Children.
CHARLES A. HOLDER, M.D., Assistant Demonstrator of Therapeutics.
L. H. PRINCE, Assistant in Histology.
R. B. MCKAY, A.B., Assistant in Chemistry.
A. D. FAUST, M.D., Assistant Demonstrator of Clinical Medicine.
FRANCIS J. KELLY, M.D., Assistant Demonstrator of Clinical Medicine.
C. P. CLARK, M.D., Assistant Demonstrator of Surgery.
G. R. S. CORSON, M.D., Assistant Demonstrator of Anatomy.
M. B. TINKER, M.D., Assistant Demonstrator of Pelvic Visceva.
W. G. ROE, M.D., Assistant Demonstrator of Anatomy.
G. R. S. CORSON, M.D., Assistant in Bandaging.
FRANK C. HAMMOND, M.D., Assistant Demonstrator in Gynecology.
J. COLES BRICK, M.D., Assistant Demonstrator of Surgery.
C. D. BARNES, M.D., Assistant Demonstrator of Obstetrics.
L. F. APPLEMAN, M.D., Assistant Demonstrator of Pharmacy.
NORMAN REEH INGRAHAM, Assistant in Chemistry.
NEVIN B. WERST, Assistant in Chemistry.
HENRY M. IMBODEN, Assistant in Chemistry.
HENRY E. RADASCH, M.S., Assistant in Histology.
GEORGE H. NOFER, B.S., Assistant in Histology.
FREDERICK JOHN KALTEYER, M.D., Assistant in Pathology and Clinical Medicine.
HENRY LINN BASSETT, Assistant in Pathology.
IRA B. WHITEHEAD, Assistant in Chemistry.
STILMAN H. CONNER, Assistant in Physiology.
SAMUEL J. BEALE, JR., Sc.B., Assistant in Histology.
ARCHIBALD E. GRAHAM, M.D., Assistant in Bacteriology.
L. W. BREMERMAN, Assistant in Surgery.

JEFFERSON MEDICAL COLLEGE HOSPITAL.

MEDICAL DIRECTOR, JOSEPH S. NEFF, M.D.

HOSPITAL STAFF.

JOHN H. BRINTON, M.D., Professor of the Practice of Surgery and of Clinical Surgery, and President of the Staff.
WILLIAM S. FORBES, M.D., Professor of General, Descriptive, and Surgical Anatomy.
WILLIAM W. KEEN, M.D., LL.D., Professor of the Principles of Surgery and Clinical Surgery.
H. A. HARE, M.D., Professor of Materia Medica and Therapeutics.
JAMES C. WILSON, M.D., Professor of Practice of Medicine and Clinical Medicine.
E. E. MONTGOMERY, M.D., Professor of Clinical Gynecology.
J. SOLIS-COHEN, M.D., Honorary Professor of Laryngology.
W. M. L. COPLIN, M.D., Professor of Pathology.
GEORGE E. DE SCHWEINITZ, M.D., Professor of Ophthalmology.
EDWARD P. DAVIS, M.D., Professor of Obstetrics.
HENRY W. STELWAGON, M.D., Clinical Professor of Dermatology.
H. AUGUSTUS WILSON, M.D., Clinical Professor of Orthopedic Surgery.
EDWIN E. GRAHAM, M.D., Clinical Professor of Diseases of Children.
F. X. DERCUM, M.D., Clinical Professor of Diseases of the Nervous System.
ORVILLE HORWITZ, M.D., Clinical Professor of Genito-Urinary Diseases.
S. MACCUEEN SMITH, M.D., Clinical Professor of Otolaryngology.
W. JOSEPH HEARN, M.D., Clinical Professor of Surgery.
HOWARD F. HANSELL, M.D., Clinical Professor of Ophthalmology.
D. BRADEN KYLE, M.D., Clinical Professor of Laryngology.
W. S. JONES, M.D., Clinical Professor of Laryngology.
J. CHALMERS DA COSTA, M.D., Clinical Professor of Surgery.
CHARLES WIRGMAN, M.D., Physician.
JOHN C. DA COSTA, M.D., Gynecologist.
LAURENCE TURNBULL, M.D., Aural Surgeon.
PROF. W. M. L. COPLIN, M.D., Pathologist; Director of the Hospital Laboratories.
HENRY LEFFMAN, M.D., Pathological Chemist.
H. F. HARRIS, M.D., Bacteriologist; Assistant Director of the Hospital Laboratories.
RANDLE C. ROSENBERGER, M.D., Assistant Pathologist.
GEO. W. SPENCER, M.D., Assistant Surgeon.
JOHN H. GIBBON, M.D., Assistant Surgeon.

RESIDENT PHYSICIANS.

DRS. B. FRANKLIN ROYER, WM. ROBERT LOCKETT, JOSEPH HUBBARD ORAM, PETER CLARKSON ELLIS, EDWIN RUSSELL KENNEDY, WILLIAM PRETTYMAN HEARN, SYDNEY JAMES SMITH.

Substitute Resident, HERBERT NEWELL RAFFERTY, M.D.

Superintendent of the Hospital, GEORGE BAILEY, JR.
Directress of Training School, MISS SUSAN C. HEARLE.
Matron, MRS. SCHLECHT.

OUT-PATIENT STAFF.

MEDICAL.

THOMAS G. ASHTON, M.D., J. L. SALINGER, M.D., Chief Clinical Assistants.

Assistants.—A. D. FAUST, M.D., J. C. DA COSTA, JR., M.D., FRANCIS J. KELLY, M.D., A. H. READ, M.D., LEON VAN HORN, M.D., A. H. GRAHAM, M.D., ARTHUR DARE, M.D., H. R. M. LANDIS, M.D., F. J. KALTEYER, M.D.

SURGICAL.

GEORGE W. SPENCER, M.D., JOHN H. GIBBON, M.D., Chief Clinical Assistants; J. T. BUCHANAN, M.D., Skiagrapher; C. H. HARBAUGH, M.D., J. C. KEELER, M.D., Etherizers.

Clinical Assistants.—J. COLES BRICK, M.D., W. J. ROE, M.D., G. R. S. CORSON, M.D., D. G. METHENY, M.D., E. HARVEY WIGGINS, M.D., CHAS. I. BARNES, M.D.

OBSTETRICAL.

STRICKER COLES, M.D., Assistant Obstetrician.

Assistants.—H. M. RIGHTER, M.D., WM. F. MORRISON, M.D., S. J. SMITH, M.D., C. S. BARNES, M.D.

GYNECOLOGICAL.

JOHN M. FISHER, M.D., Chief Clinical Assistant.

Assistants.—FREDERICK H. MAIER, M.D., WILMER KRUSEN, M.D., FRANK C. HAMMOND, M.D., J. W. HINCH, M.D., ALPHEUS MCKIBBEN, M.D.

OPHTHALMOLOGICAL.

CLARENCE A. VEASEY, M.D., WM. M. SWEET, M.D., Chief Clinical Assistants.

Assistants.—HENRY HADEN, M.D., CHAS. LE FEVER, M.D., E. K. PERRINE, M.D., W. M. CAPP, M.D., ROBT. CASPERSON, JR., M.D., I. E. AMILON, M.D., L. F. APPLEMAN, M.D., J. T. RUGH, M.D.

MR. MAX R. DINKELSPIEL, Registrar.

LARYNGOLOGICAL.

A. B. KIRKPATRICK, M.D., CHARLES W. COBURN, M.D., Chief Clinical Assistants.

Assistants.—GEORGE B. SLIFER, M.D., J. T. RUGH, M.D., NATHAN G. WARD, M.D., W. H. KING, M.D., WILLIAM MORRISON, M.D., J. M. MONTGOMERY, M.D., JUSTUS SINEXON, M.D., JOEL FITHIAN, M.D., HUGO A. KIEFER, M.D., C. C. ROYCE, M.D., CARL L. FELT, M.D., T. D. TAGGART, M.D., THOMAS W. TAIT, M.D.

OTOLOGICAL.

E. L. KLOPP, M.D., C. W. HOOPES, M.D., Chief Clinical Assistants.

Assistants.—A. H. WURTELE, M.D., GEORGE T. TRACY, M.D., T. D. TAGGART, M.D.

ORTHOPEDICAL.

J. T. RUGH, M.D., Chief Clinical Assistant.

Assistants.—J. P. BOLTON, M.D., GEORGE T. TRACY, M.D., H. M. RIGHTER, M.D., J. D. HEYSINGER and F. E. DOLSON, Registrars. A. GUSTAF GEVERT, Mechanician.

DISEASES OF CHILDREN.

H. M. SHRINER, M.D., Chief Clinical Assistant.

Assistants.—C. I. BRADDOCK, JR., M.D., C. H. LEFCOWITCH, M.D., E. F. BACHMAN, M.D., THOMAS W. MORAN, M.D.

DERMATOLOGICAL.

EMMANUEL J. STOUT, M.D., Chief Clinical Assistant.

Assistants.—FRANKLIN MACHETTE, M.D., F. L. LORENTZ, M.D.

NEUROLOGICAL.

MAX BOCHROCH, M.D., Chief Clinical Assistant.

Assistants.—JOSEPH P. BOLTON, M.D., ALFRED GORDON, M.D., S. F. GILPIN, M.D., SAMUEL CLARKE, M.D. Masseuse—MARY LOUISA POPE.

GENITO-URINARY.

H. R. LOUX, M.D., Chief Clinical Assistant. DANIEL FLEMMING, M.D., Etherizer. LEO N. GARTMAN, M.D., Bacteriologist.

Assistants.—R. O. KEVIN, M.D., HENRY TUCKER, M.D., WARD BRINTON, M.D., A. H. LIPPINCOTT, M.D. HENRY L. PICARD, M.D., Registrar.

SEVENTY-SIXTH ANNUAL ANNOUNCEMENT

OF THE

JEFFERSON MEDICAL COLLEGE

THE COLLEGE BUILDINGS.

The College buildings are situated on the corner of Walnut and Tenth Streets, and on Sansom Street between Tenth and Eleventh. They consist of the Medical Hall, the Laboratory Building, and the Jefferson Medical College Hospital. The Jefferson Maternity is situated on Washington Square, at 224 South Seventh Street.

THE NEW MEDICAL HALL.

The inauguration of the graded four years' course created a requirement for new buildings. Therefore the new Medical Hall has been erected, providing four lecture rooms, beside recitation rooms and laboratories.

The new hall is fireproof and modern in construction. It is at the corner of Walnut and Tenth Streets, with a front on Walnut of one hundred and eighteen feet. This situation has been chosen as the best for the purpose, because its central location insures a constant supply of clinical materials at the dispensaries and at the hospital, besides having the advantage of nearness to the Pennsylvania Hospital. The side is joined to the new laboratory building, thus extending one hundred and eight feet on Tenth Street and one hundred and eighteen feet on Moravian Street. Between the two buildings is a large light well, and along the entire length of the building stretches a wide skylight, which, with the three surrounding streets, give an abundance of light. The entrance on Walnut Street admits to a tiled floored vestibule hall, lobby for the main stairs and passenger elevator. The basement is occupied mainly by rooms devoted to the recess hours of the student, i. e., a large, well-equipped gymnasium, with lockers and shower bath; a lavatory, rooms for billiards, for reading and smoking and for storage of bicycles. The first floor contains a reception room for visitors, the clerk's room, with telephone communication to the public wires and to different floors; the dean's office, trustees' room, library fully supplied with the newest medical books and periodicals, kitchen and pantry for receptions, recitation rooms, professors' private rooms, first story of the lower amphitheater, and a room for students' lockers. The second floor has a large museum room, newly equipped by the donation of a warm friend of the College. It will store in the best manner for study the great collections of the late Professor Samuel D. Gross, of the late Professor Parvin, of Emeritus Professor Da Costa, and a

large collection of models, preparations and specimens. On the second floor also is a laboratory for the study of Morbid Anatomy and the second story of the lower amphitheater. The third floor is occupied by a large lecture hall, brilliantly lighted, connecting with a chemical apparatus room; a small lecture hall, with large windows and having communication with the private room of the Professor of Physiology, the apparatus room and the laboratory of Physiology. The fourth floor completes the upper part of the two lecture halls and provides a laboratory for instruction in bandaging and obstetric manipulations and a storage room. The fifth floor is occupied by the first story of the amphitheater, the dissecting room, two stories high, unusually well lighted by two tiers of windows and a skylight extending the whole length of the room; the laboratory for operative surgery, four private rooms for professors and prosector, and a large locker room for students. The sixth floor is occupied by the upper story of the amphitheater and dissecting room, an incinerating furnace and bone library. Almost every floor has a lavatory.

The system for heating and ventilation embodies the latest principles and is entirely adequate. By means of a filtration plant of the latest construction and of large capacity the entire water supply of the College and of the Hospital is filtered.

THE NEW LABORATORY BUILDING.

The College has ten large laboratories for students and seventeen smaller private rooms for individual research. Most of these are provided for in the structure which adjoins the medical hall, and is directly connected with it. In the basement are the boilers, engines and two dynamos for the heating and ventilation plant, for the two elevators and for the refrigerating apparatus which keeps the cold storage room at a low temperature for preserving the subjects without immersion in brine. The first floor is occupied by a large laboratory of pharmacy, and a room used for recitations and for the students' societies. The second floor is occupied by a large laboratory of medical chemistry and toxicology, a pharmacy storage room and two private rooms for research by professors. The third floor provides a large laboratory for physiology, a chemical storage room, a chemical preparation and weighing room. The fourth floor has a large laboratory for normal histology, a room for storage and two private rooms for pathological research. The fifth floor has a large laboratory for pathological histology, a room for storage and one for the demonstrator of anatomy. On the sixth floor are the laboratory of bacteriology, the operating room and the private research room of pathology.

All the students' laboratories are lighted by windows on three sides, besides incandescent electric lights; have individual desks and outfits entirely under the control of the student while working. This equipment was provided in part by funds subscribed by the Alumni. It has, among other notable features, one hundred and

fifty microscopes of the most recent make, a complete outfit for electric lantern projection, and one for photography, besides the microtomes, models and other apparatus required for thorough study.

THE HOSPITAL.

The Hospital of the Jefferson Medical College provides a wealth of clinical material unequaled in America and seldom equaled in Europe. It contains beds for 140 patients, which are constantly filled, and in the out-patient departments over 300 cases are treated daily. In the out-patient service there were treated in 1899: Surgical Diseases, including cases in the special clinics, Gynecological, Ophthalmological, Laryngological, Aural, Genito-urinary and Orthopedic, 76,218 patients; Medical Diseases, including cases in the special clinics, Neurological, Dermatological, and for children, 16,677 patients. These, added to the 1963 patients treated in the wards, make in all 94,858 patients treated in 1899. The grand total of work for twenty-one years is 1,286,789 consultations.

During the last year 2246 accident cases were treated.

In addition to the rooms in which the classes are taught in sections, and in which they have the opportunity of examining cases and are instructed in clinical medicine and other practical branches, there is a large amphitheater capable of seating nearly 800 students.

THE MATERNITY DEPARTMENT.

The Maternity Department is in a separate building at 224 South Seventh Street. Here, bedside instruction in Midwifery is given to each member of the graduating class. During 1899 there were 353 new obstetric cases and 250 children under treatment.

TRAINING SCHOOL FOR NURSES.

In connection with the hospital a Training School for Nurses is maintained, from which pupil nurses can be had at \$10 per week by application at the Hospital.

A Nurses' Home has been established at 226 South Seventh Street, where the nurses have commodious lodgings.

THE WOMEN'S AUXILIARY OF JEFFERSON MEDICAL COLLEGE.

This organization has charge of the Library, Reading Room, Smoking Room and Pool Room. It investigates and prepares a list of boarding houses desirable as to price and location for the convenience of new students. During the past year the number of volumes in the Library has been increased to 2400. These books are at the disposal of the students for reference and study.

COURSE OF INSTRUCTION.

THE REGULAR LECTURES.

The regular lectures begin with an introductory on the evening of October 1st by Professor Dercum.

The regular course is a graded four years' curriculum at college. It is so arranged that the student is trained in both the fundamental and practical branches of medicine. The instruction consists of didactic lectures and recitations, laboratory work, clinical lectures, ward classes and practical demonstrations by the professors and instructors in each branch.

DIDACTIC LECTURES are given in the Medical Hall, on Practice of Medicine, Surgery, Obstetrics, Gynecology, Materia Medica and Therapeutics, Ophthalmology, Chemistry, Physiology, Pathology, including Post-mortem Examinations, Bacteriology, Anatomy, Medical Jurisprudence and Hygiene. In the laboratories special instruction is given in Physiology, Chemistry, Pharmacy, Pathology, Morbid Anatomy, Bacteriology, Histology, Dissections and Major and Minor Surgery, with Bandaging.

WORK IN THE HOSPITAL consists in Clinics on Medicine, Surgery, Obstetrics, Gynecology, Ophthalmology, Laryngology, Dermatology, Diseases of Children, Orthopedics, Neurology, Genito-urinary Diseases and Otolaryngology, and in small ward classes taken to the bedside or to the various special dispensaries and the private operating rooms.

REQUIREMENTS FOR ADMISSION.

To the Freshman Class.

To be admitted to the freshman class without examination, the applicant must show that he is a matriculate of a reputable college or a graduate of a high school of the first grade, or a normal school established by State authority. He is advised to secure a certificate by passing the entrance examination of some such institution in his neighborhood. In the absence of such qualification, the applicant must stand an examination, as follows:

1. In English, a composition on some subject of general interest, written by the student at the time of the examination.
2. In Arithmetic, such questions as will show a thorough knowledge of common and decimal fractions, compound numbers, and ratio and proportion.
3. In Algebra, such questions as will bring out the student's knowledge of the fundamental operations, factoring, and simple quadratic equations.
4. In Physics, such questions as will discover the student's understanding of the elements of mechanics, hydrostatics, hydraulics, optics and acoustics.
5. In Latin, an examination upon such elementary work as the student may offer showing a familiarity usually attained by one year of study.

In place of any part of this examination, the College recognizes the official *certificates of reputable* literary and scientific colleges, academies, high schools and normal schools, and also the medical student's certificate issued by any State examining board covering the work of the foregoing entrance examination.

If the student should fail to pass in one or more of the branches enumerated as requirements for matriculation, he will be accepted conditionally, and shall have time until the beginning of the second

year to make up such deficiencies. Instruction can be had in Latin, physics and mathematics from private tutors.

An entrance examination will be held at the College on June 1st, September 27th, October 4th and 15th, at 11 A. M., and at other times by special arrangement with the Dean.

By special appointment an examination for admissions will be held on application to examiners in the following cities: Worcester, Mass.; Cincinnati, Ohio; St. Paul, Minn.; Denver, Col.; Louisville, Ky.; New Orleans, La.; Knoxville, Tenn.; Birmingham, Ala.; San Antonio, Texas; Richmond, Va.

Applicants who present written evidence of having studied Chemistry and of chemical laboratory work equivalent to that of the freshman year in this College, may take the lectures and laboratory work in Chemistry of the sophomore year during their freshman year, but must be examined in the Chemistry of both years at the end of the sophomore year.

To Advanced Standing.

College graduates in Arts or Science, who during their college course have devoted the stated number of hours to the study of the following branches or their equivalents: General Biology, 90 hours; Mammalian Anatomy, 144 hours; Chemistry, 216 hours; Physics, 72 hours; Histology, 72 hours; Human Anatomy, 144 hours; Physiology, 48 hours; Zoology, 96 hours; Embryology, 72 hours—are admitted to the sophomore class without an entrance examination. During this year they must take Materia Medica and Pharmacy (including the laboratory work), and at the end of the year be examined in them. At the end of the sophomore year, they must also have completed the dissection of the entire human body and be examined in the entire subjects of Anatomy and Physiology. They have the option of taking freshman Anatomy and Physiology at the end of their sophomore year, and their sophomore-year Anatomy and Physiology at the end of their junior year. There will be no charge for dissections in their junior year.

FROM OTHER MEDICAL COLLEGES.

Every applicant for advanced standing, including graduates of medicine, will be required to present credentials from an accredited medical college, showing satisfactory attendance upon courses equivalent to those already attended by the class to which he seeks admission. If his preliminary or grading examination credentials are deficient, he may make up his deficiencies on admission, or be received under "conditions," which he must be clear of when the session closes.

MEDICAL POST-GRADUATES.

Graduates in Medicine desiring to take the senior course, without being candidates for the degree, and therefore without examination, may receive a certificate of attendance.

GRADUATES OF DENTISTRY AND PHARMACY.

Graduates of recognized Colleges of Pharmacy will be given credit for the work which they have done in inorganic Chemistry, Materia Medica and Pharmacy, and will be excused from the lectures, laboratory work and recitations upon these subjects in the freshman year. The fee for the freshman year to Graduates of Pharmacy will be \$100.

Graduates of recognized Dental Colleges are admitted to the sophomore class, but they must take the lectures and laboratory work in Materia Medica and Pharmacy and pass an examination in these branches in addition to the work of the sophomore year. At the end of their sophomore year they must be examined in the subjects of Anatomy and Physiology as taught in the freshman and sophomore years, and must have dissected the entire human body in this College. They have the same options in Anatomy and Physiology as are allowed to graduates of Pharmacy.

CLASS PROMOTIONS AND CONDITIONS.

In order to advance with his class to a higher grade, a student must pass the required examinations of the previous year, or a majority of them. If he does not pass at the "make up" examination in October, he may continue with his class as a conditioned student for the ensuing term. No student may become a member of the junior class until he has passed all the freshman examinations, and, in addition, a majority of those of the sophomore year, nor of the senior class until he has passed all of the freshman and sophomore examinations and a majority of those of the junior year.

EXAMINATION FOR THE DOCTORATE.*

The examination for the Degree of Doctor of Medicine is held at the close of the term of lectures. It will be conducted by the Faculty—each Professor in his own branch—and will be written, oral, or both. Students failing to reach, in all the branches, the standard required for the degree, may be credited with having passed on those branches in which they have acquired the requisite average, and will not be required to stand an examination on these branches at a second examination, should they apply again. Candidates for the degree of Doctor of Medicine who have failed to pass all the branches of the final year at two annual examinations will

*To secure recognition by the Examining Boards of the Royal College of Physicians and the Royal College of Surgeons, London, and the Triple Qualification of the Royal College of Physicians and Surgeons of Edinburgh and the Faculty of Physicians and Surgeons of Glasgow, the graduate of Jefferson Medical College must first have passed a recognized examination in Arts before commencing his professional studies. He must show certificates of preliminary education, of five years of professional study, four of which must have been in this College, or one of equal rank, and exhibit his diploma from this College.

be required, if they stand for a third, to take an examination in all the branches of the entire course. The presentation of a Thesis is not required, unless in competition for a prize. The candidates are examined in turn upon the subjects of the final year, given on page 27.

The candidate for the degree of Doctor of Medicine must present a certificate of good moral character, and be at least twenty-one years of age. He must show that he has attended four courses of medical lectures. The degrees of Doctor of Dentistry and Bachelors of Arts and Science obtained after preparatory medical studies, will be accepted as the first year of medical study, under conditions stated on page 12. He must have attended at least the final year in this College as a graded student of that year.

Students who fail in the final examinations in not more than two branches may be re-examined Wednesday, November 7, 1900. The successful candidates will receive their diplomas at the Commencement in May, 1901. Meantime they will receive a certificate stating that they have passed their examinations and that their diplomas will be conferred at the time stated. This will enable them to come before the State Board of Medical Examiners of Pennsylvania, and if successful to enter upon practice immediately.

ANNUAL LIMITATION OF RULES AND FEES.

All the above rules, as well as the fees stated below, relate to the year ending June 1, 1900, only. The right is reserved to make changes in the curriculum, rules of examination and the corps of instructors, whenever it may seem proper.

Students will be entitled to receive the instruction of the College at the current rates in force at the time of their first course of lectures in this institution for the four consecutive years immediately following.

FEES.

Matriculation, paid once \$5 00

Freshman Year.

Full Course, including Laboratory Work and Dissection . \$150 00
Dissecting Material, per part 1 00

Sophomore Year.

Full Course of Lectures, including Laboratories, Dissection and Clinics \$150 00
Dissecting Material, per part 1 00

Junior Year.

Full Course, including Laboratory Work and Clinics, . . \$150 00
Operative Surgery Material 1 00
If dissections are taken in this year a fee of \$10 is required.

Senior Year.

Full Course \$150 00
If dissections are taken in this year a fee of \$10 is required.

The annual fee is payable in advance. To secure the tuition at this rate the whole amount, \$150, must be paid before November 1st. If the whole fee is not paid by November 1st, the annual fee paid on or after that date will be \$155 for that year. Of this \$155, at least \$80 must be paid before November 1st, and the \$75 additional before February 1st. The entire indebtedness of a student must be paid before any examination can be taken.

Fees are not returnable or transferable; promissory notes are under no circumstances accepted as payment; and no ticket is issued until full payment for the same has been made. Students are advised to pay fees by check for the exact amount. Remittances for other expenses are best made by postal money orders or notes sent by express. The College will not endorse checks for private expenses.

A *breakage deposit* of \$5.00 must be made at the beginning of the session. This will be returned at the close of the session, less the amount charged against it for breakage.

THE TRUSTEES' SCHOLARSHIPS.

The Trustees of Jefferson Medical College have given to the Board of Education of Philadelphia two free scholarships in that College during each period of four years.

These scholarships are open to members of the graduating classes in the year of graduation in the Boys' Central High School or the Manual Training Schools of Philadelphia who shall have the requisite qualifications for admission.

One of these scholarships will be awarded in October, 1900, and the other in October, 1901. The award is to be made by the committee on scholarships of the Board of Public Education, subject to confirmation by the Board.

THE FRANCIS W. SHAIN SCHOLARSHIPS.

By a bequest of Francis W. Shain, M. D., two scholarships have been created, open to white male graduates of the Boys' Central High School or any of the Manual Training Schools of Philadelphia. Applicants must register with the Dean their names, addresses and certificates of graduation on or before September 10th of the year of graduation.

One of these scholarships will be awarded by competitive examination in 1902, on September 23d, at 10 o'clock A. M.; the other in 1903. The examination will be on the following-named branches of study, viz.: English Composition (an essay of about three hundred words on a given subject), Higher Grammar, English Literature, Arithmetic, Algebra, Physics and Chemistry; any two of the three following-named languages at the election of the applicants, viz., Latin, French, German.

The examination may be oral or written; the character and scope of the questions shall be such as will cover the respective branches

of study to the extent to which they are taught in the best class of high schools having a four years' course of study.

CLINICAL INSTRUCTION.

Clinical teaching has always been an important feature of this College, in which, indeed, systematic clinical methods were first inaugurated in this country.

CLINICAL MEDICINE.

The Medical Clinics are held by Professors Wilson or Hare twice a week.

Bedside instruction in Clinical Medicine is also given by Professors Wilson and Hare or their assistants daily at the Hospital to small sections of the class. The course is illustrated by the ample material of the wards and daily clinic. Each student is thus made familiar with practical medicine. The success attending this method of instruction at previous sessions encourages the hope of the best results from its continuance. Practical instruction in Physical Diagnosis is given to the class in sections by the Demonstrators of Clinical Medicine.

CLINICAL SURGERY.

The General Surgical Clinic of the Jefferson Hospital is held by Professors Keen, Hearn or Da Costa twice a week. Professor Forbes will give from time to time special clinics upon the surgery of the bladder and prostate gland and the removal of vesical calculi. Instruction is also given in the Surgical Dispensary and in the ward classes by Professors Hearn and Da Costa and by Drs. George W. Spencer, John H. Gibbon and H. R. Loux. Professors Horwitz, Hearn, and J. Chalmers Da Costa also give instruction in Clinical Surgery in the clinics of the Philadelphia Hospital.

CLINICAL OBSTETRICS.

Obstetric clinics are given to the class in sections at the Maternity Department of the Jefferson Hospital, 224 South Seventh Street, by Professor Davis and the Clinical Lecturer, Dr. Stricker Coles. In addition, members of the Graduating Class are summoned to witness confinements, and are given practical instruction in obstetrics. Students are also taken to out-patient confinements by the Staff of the Maternity. Professor Davis gives an Obstetric Clinic at the Philadelphia Hospital once weekly during a portion of the term. The Out-Patient Department, under the charge of Dr. W. H. Wells, Demonstrator of Clinical Obstetrics, enables the graduating class to obtain practical experience in the houses of patients.

CLINICAL GYNECOLOGY.

The course in Clinical Gynecology consists in the General Gynecological Clinic by Professor Montgomery and in attendance upon operations and examinations in the Private Operating Room. In

addition there is instruction in the wards or in the out-patient department by the demonstrator and the assistant demonstrators.

CLINICAL OPHTHALMOLOGY.

The Ophthalmological Clinics will be held once a week at the Hospital by Professors de Schweinitz or Hansell. Practical instruction in Diseases of the Eye, Ophthalmoscopy and Refraction will be given to fourth-year students in sections by the professors or their assistants, and demonstrations upon animals' eyes by the demonstrator.

CLINICAL LARYNGOLOGY AND RHINOLOGY.

Professors Cohen, Jones and Kyle give a clinic on these subjects, and instruction is given to the class in small sections by the Chief of the Clinic and the assistants.

CLINICAL DERMATOLOGY.

The teaching in Clinical Dermatology consists in a weekly clinic by Professor Stelwagon, and instruction in the out-patient department by the Chief of the Clinic and his assistants.

CLINICAL ORTHOPEDICS.

The course in Clinical Orthopedic Surgery is composed of a weekly clinic (a weekly recitation for half the session) by Professor H. Augustus Wilson, and instruction to small sections of the class by the professor and the demonstrator in the out-patient department. In this course the students are taught, not only the general principles of orthopedics, but also the practical application of jackets, splints and orthopedic apparatus in general.

CLINICAL PEDIATRICS.

In addition to the general clinic on Children's Diseases by Professor Graham, there is instruction in the out-patient department in this branch.

CLINICAL NEUROLOGY.

Professor Dercum gives a weekly clinic on Nervous Diseases and instruction in Neurology and Insanity is given in the out-patient department or in the wards of the Philadelphia Hospital, which, in addition to its department for nervous diseases, has a large Insane Department. Instruction will be given to the class in sections in the electrotherapeutics of nervous disorders.

GENITO URINARY DISEASES.

Instruction in this branch is given by Professor Horwitz in the Jefferson Hospital and at the Philadelphia Hospital.

CLINICAL OTOTOLOGY.

The course of Otology consists of clinical lectures by Professor S. MacCuen Smith and instruction in the treatment of diseases of the ear in the out-patient department.

ADDITIONAL HOSPITAL-TEACHING FACILITIES.

In addition to the facilities for clinical instruction afforded by the large and varied service of the Jefferson Medical College Hospital, the following hospitals provide opportunities for teaching by the various members of the Staff of the College:

The Pennsylvania Hospital is situated in the vicinity of the College. The field for instruction in acute diseases and surgical injuries is very large. The students of Jefferson College, by reason of the proximity of the College to the Hospital and its immense resources for the illustration of all forms of diseases and accidents, have peculiar advantages. Professor J. M. Da Costa and Professor J. C. Wilson are members of the Staff. Clinical lectures are delivered in the Amphitheater by members of the Staff.

The Philadelphia Hospital.—This extensive Hospital of 1300 beds presents a large number and variety of cases for clinical instruction. A number of the Faculty and Instructors of Jefferson Medical College are members of the Staff of this Institution and utilize their wards and clinics for the daily instruction of the students of the Jefferson College. Professors Coplin and Harris and Dr. Rosenberger are on the Pathological Staff, Professor de Schweinitz on the Ophthalmological Staff, Professor Stelwagon on the Dermatological Staff, Professor Dercum on the Neurological Staff, Professors Horwitz, Hearn, and Da Costa on the Surgical Staff, Drs. S. Solis-Cohen, Salinger and Ashton on the Medical Staff, Professor Davis and Dr. J. M. Fisher on the Obstetrical and Gynecological staff, Professor H. Augustus Wilson on the Orthopedical Staff.

St. Joseph's Hospital.—Professor Montgomery is Gynecologist to this Hospital and Professor J. C. Da Costa is Surgeon, and Drs. Krusen and Maier are Assistant Gynecologists, and the classes will have the benefit of their practice there.

German Hospital.—The Staff of this important Hospital have now made arrangements for clinical teaching, in which the resources of this excellent institution are utilized to the fullest extent. Professor J. C. Wilson is *Physician-in-Chief*. A clinical Amphitheatre, with ample seating capacity, has been recently erected.

Wills Eye Hospital.—This well-known and extensive Hospital is within a convenient distance of the College, and daily clinics are held there.

In all, Philadelphia has 20 hospitals, 9 dispensaries and 38 other charitable institutions with which infirmaries are connected. Almost every special branch of medicine and surgery has its distinct institu-

tion, as the Dispensary for Diseases of the Skin, Children's Hospital, and others. Graduates and advanced students desiring to pursue any special branch of medical science, any of the recognized specialties, have therefore ample opportunities afforded them in these various hospitals.

LABORATORY COURSES.

The laboratory courses are as follows, and are obligatory. Each student, on completing a laboratory course, must have his ticket countersigned by the instructor or demonstrator in that branch.

THE LABORATORY OF PRACTICAL CHEMISTRY.

The Laboratory for medical Chemistry and Toxicology is under the supervision of the Professor of Chemistry, aided by the Demonstrator and his Assistant. Each student, during his course, has assigned to him a table, with full reagent sets and apparatus.

The instruction here given is in harmony with the chemical lectures of the Winter session, and is conducted in such a manner as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions which are the subjects of his professional study, and which will be useful in his subsequent practice.

The course of the freshman year consists of:

1. MANIPULATIONS, in which each student himself performs various experiments, shown and explained by the Professor of Chemistry in his regular lectures previous to the holidays. These include Acidimetry and Alkalimetry.

2. TOXICOLOGY, especially adapted to the wants of the medical practitioner. This includes an extensive range of testing for the various poisons, mineral and organic, commonly met with in practice, and concludes with a practical examination of samples of vomited matters of unknown composition.

The course of the sophomore year includes the EXAMINATION OF NORMAL and ABNORMAL PRODUCTS of the human body, in the diagnosis of disease. The practical Chemistry of the Bile and the Blood, the most approved methods of examining Urine and the Gastric Contents, are performed by each student according to the principles taught by the Professor of Chemistry. At the close of this course each of the students makes a diagnostic examination of a sample of urine of an unknown composition.

THE LABORATORIES OF PHARMACY, MATERIA MEDICA AND EXPERIMENTAL THERAPEUTICS.

The Laboratory of Pharmacy, Materia Medica and Experimental Therapeutics contains a complete cabinet of materia medica preparations, finished products, digestive ferments and active principles for study by each pupil. The room is equipped for pharmaceutical instruction, and a systematic course in pharmacy and prescription-

writing is given. The laboratory is provided with instruments and appliances for special researches in the physiological action of remedies. Members of the class who desire to carry on original research in experimental therapeutics will be assigned remedies for studies, under the direction of the Professor and his assistants. A number of valuable special researches have been made by members of the class and published from time to time as original contributions to knowledge.

In the course on Pharmacy each student performs the necessary manipulations and makes in turn the various preparations.

THE LABORATORY OF PHYSIOLOGY.

This Laboratory is well equipped with apparatus for the illustration of the subjects of Physiological Physics, such as the explanation of the metric system, the demonstration of the theory of the balance methods of obtaining specific gravity, the arranging of galvanic batteries, galvanometers, chronographic apparatus, methods of analysis of food and gases. Also with apparatus for the demonstration of the essential phenomena of nutrition, digestion, absorption, circulation, respiration, excretion, the functions of the nervous system, the reproductive apparatus and development of the embryo.

THE STUDENTS' NEW LABORATORY OF PHYSIOLOGY.

The Students' new Laboratory of Physiology was opened in the fall of 1899 with an outfit presented by a member of the Board of Trustees, and has been in successful operation during the past session. The outfit includes appropriate apparatus for the study of fundamental facts in physiological chemistry; apparatus for the study of the physiological mechanism of the heart, nerves, muscles, spinal cord, etc. The equipment is such that sections of fifty students can work at the same time, each student being provided with all necessary apparatus—e. g., kymograph, induction coil, keys, moist chamber, electrodes, rheocord, commutators, time markers, levers, test solutions, etc., etc. In the course of two years the student will perform a large number of the cardinal experiments in physiology relating to the above mentioned subjects.

THE LABORATORY OF MORBID ANATOMY.

This Laboratory contains a complete collection of specimens illustrating the course in special and general pathology. The student has demonstrated to him, by the Demonstrator and his assistants, the various organs and tissues in the body, showing the morbid conditions to which each organ is subject. While the collection of tumors, diseased organs, etc., belonging to the laboratory, is believed to be quite complete, the large general museum can be drawn upon whenever necessary. The post-mortems at the Jefferson Medical College Hospital supply abundant material for the demonstration of fresh specimens.

POST-MORTEMS.—The class, divided into sections, is given detailed instruction in the method of conducting post-mortems and the examination of fresh specimens.

THE LABORATORIES OF THE JEFFERSON MEDICAL COLLEGE HOSPITAL.

A description of these laboratories will be found on page 9.

Each student working in any of the laboratories of this department makes a deposit to cover breakage, but such deposit does not cover all injuries to the microscope supplied him.

The facilities for post-graduate teaching in the laboratories of the Hospital are believed to be unexcelled. Such teaching is conducted at hours not interfering with the undergraduate teaching and constitutes individual instruction. Spring and summer courses are given.

THE LABORATORY OF NORMAL HISTOLOGY AND EMBRYOLOGY.—This Laboratory is on the fourth floor of the new Laboratory building. The instruction in Normal Histology embraces the manner of using the microscope, the preparation of tissue cutting, staining, and mounting of sections, and demonstrations of the minute or microscopical anatomy of the various tissues and organs. The class is divided into sections of fifty, and each student is supplied with a microscope, a desk, and all reagents necessary for the pursuit of his studies. As the sections which he mounts are his after the completion of the course, the student is only expected to supply or replace what he takes away, also his needles, forceps, etc., which are usually in his anatomical dissecting set. The collection of slides which the student makes in this course will be valuable for future reference.

PRACTICAL EMBRYOLOGY.—A practical course of laboratory instruction has been introduced, models and special appliances for the satisfactory equipment of the department have been purchased and will be in position before the opening of the coming session.

THE LABORATORY OF MORBID HISTOLOGY.—This Laboratory occupies the fifth story of the new Laboratory building. The regular undergraduate instruction in this department consists in the sectioning, mounting and study under the microscope of diseased tissues. The course embraces the examination of the blood, urine, sputum, and other fluids, excretions and pathological exudates. Each student is supplied with a microscope, desk, and all needed reagents for the work. The student supplies his own slides and cover glasses and the few trifling instruments which he uses in the mounting, such as needles, forceps, etc., which are usually in his anatomical dissecting case. When the course is completed the mounted specimens are the property of the student, and in this way he is enabled to secure a collection of typical slides invaluable for future reference. A dark room is set apart for the special work of photomicrography, for which a most elaborate and complete outfit is at command. Students or post-graduates, desiring to pursue any special line of research can find facilities afforded.

THE LABORATORY OF BACTERIOLOGY.—This Laboratory occupies the sixth floor of the new Laboratory building, above the noise and dirt of the city streets. The equipment is complete in every detail, all microscopes, microtomes, incubators, serum apparatus and other accessories for the study of bacteria being available. A large collection of pathogenic and other bacteria is constantly on hand, and a comprehensive course is given in practical bacteriology, including methods of studying bacteria, identification of the pathogenic forms, etc. As in the other laboratories, each student has his own desk, with lock and key. Adjoining the laboratory is a room where diseased animals may be kept under observation. The student is supplied with all reagents for his work, but supplies for himself forceps, needles, scissors, etc., his dissecting set usually containing the needed instruments. The slides mounted belong to the student, and he may in this way secure a collection of stained bacteria valuable for future reference.

PRACTICAL ANATOMY.

The rooms are spacious and provided with every convenience. They are open during the Winter session daily.

The material is furnished at \$1 per part, and no extra or incidental charges are made.

Under the operation of the Anatomical Act, the supply of material has much increased and is more than ample.

The methods are such as to render the teaching of Anatomy efficient. No lectures are given by the Demonstrators, but their duties are confined to directing the work of the students, and their work has three special features:

1. The demonstration of the bones, ligaments and joints to the students beginning anatomical study.
2. The demonstration on the cadaver, as the students proceed in their dissection. Examination of each student on the anatomy of the part he has dissected is made weekly, and his status is recorded at the time.
3. Weekly, during the entire session, demonstrators are detailed to hold demonstrations and recitations on special parts and organs. Report is made to the Professor of each student's work.

With a view to introduce students properly to the study of Practical Anatomy before beginning dissections, each student, with the material in his hands, under the direction of the Demonstrators, acquires the necessary elementary knowledge of the skeleton and its articulations.

The bones and joints are demonstrated and loose bones issued to each student, which he may take to his room for more deliberate study and upon which recitations are held.

Systematic demonstrations on the cadaver are made to aid the dissections of the student. Careful supervision is had of the work of the students as they proceed in their dissections, to insure thorough

acquisition of anatomical knowledge and recitations are held over the dissected body.

The Professor of Anatomy holds recitations over the dead body weekly.

OPERATIVE OBSTETRICS.

The Demonstrator of Obstetrics, under the supervision of the Professor, will review with the students in each section the anatomy of the birth canal and of the fetus. He will further instruct them in the diagnosis of the presentations and positions of pregnancy, with the modes of rectifying errors and accomplishing delivery by manual and instrumental means. Models, diagrams, and the manikin will be used.

THE LABORATORIES OF OPERATIVE, AND MINOR SURGERY AND BANDAGING.

These departments are in charge of the Demonstrators of Surgery of Fractures and Dislocations and the Instructor in Bandaging and assistants, under the direction of the Professors of Surgery.

Students of the freshman year are taught the proper methods of applying all bandages, including the handkerchief system of Mayor and the fixed bandages, together with the plaster-of-Paris, silicate of sodium and starch bandages.

Students of the junior year are carefully instructed in the use of fracture dressings, which they are individually required to apply, and the manual for the reduction of dislocations.

Each student is taught the use of the hypodermic syringe, the proper method of passing the catheter, of performing intravenous injection, the application of tourniquets, etc.

The members of each section of the junior class are required to perform on the cadaver, amputations, resections, ligations of arteries, trephining, tracheotomy, nerve resections, perineal section, and the various operations of abdominal and genito-urinary surgery.

Before any operation is performed, the Demonstrator carefully instructs the student in the surgical anatomy of the part, in the management of instruments, the surgical dressings and the proper methods of operating.

HYGIENE.

The course in Hygiene is so arranged that the student receives, by didactic and practical instruction, definite ideas regarding the laws of the growth, development and physiological activity of the body; the correction of deformities and the prevention of disease through measures relating to physical exercise, diet, clothing, bathing, etc.; the prevention of disease by the sanitary arrangement of the dwelling, including water supply, drainage, ventilation, heating, etc., as well as the water supply and drainage of communities.

CLINICAL MICROSCOPY.

The course in Clinical Microscopy is under the direct supervision

of the Professor of Pathology. The course is now conducted in connection with the laboratory work in morbid histology, and will include the examination of sputum, pus, blood, including the counting of blood-corpuscles and the estimation of hæmoglobin, etc., also a course in Urinary Microscopy.

RECITATIONS BY PROFESSORS AND INSTRUCTORS.

Systematic recitations constitute an important part of the instruction, and are provided without charge in connection with the regular teaching of the respective chairs.

The recitations are conducted as follows:

Physiology.—By Professors Chapman and Brubaker.

Surgery.—By Professors Brinton and Da Costa and Dr. George W. Spencer.

Chemistry.—By Professor Holland.

Anatomy.—By Professor Forbes and the demonstrators.

Therapeutics.—By Professor Hare and assistants.

Practice of Medicine.—By Professor J. C. Wilson and Drs. Salinger and Ashton.

Gynecology.—By Professor Montgomery and the demonstrators.

Pathology.—By Professor Coplin and assistants.

Ophthalmology.—By Professors de Schweinitz and Hansell and Doctor Veasey.

Obstetrics.—By Professor Davis and assistants.

Histology.—By Professor Harris.

Bacteriology.—By Professors Coplin and Harris and Doctor Rosenberger.

Laryngology.—By Professors Jones and Kyle.

Dermatology.—By Professor Stelwagon and Dr. E. J. Stout.

Orthopedic Surgery.—By Professor H. Augustus Wilson and Doctor J. T. Rugh.

Pediatrics.—By Professor Graham.

Neurology.—By Professor Dercum.

Otology.—By Professor Smith and Doctors Klopp and Hoopes.

Genito-Urinary Surgery.—By Professor Horwitz.

SUMMARY OF THE REGULAR FOUR YEARS' COURSE.*

The graded curriculum is arranged as follows:

FRESHMAN YEAR.

Anatomy.—One lecture, ten hours of dissection, three demonstrations in Osteology, and three demonstrations in Syndesmology per week, with recitations.

Normal Histology.—One recitation per week throughout the term, and eight hours' laboratory instruction per week part of the term.

Bacteriology.—One lecture per week for half the term.

* Subject to change.

Physiology.—Two lectures per week and four hours of laboratory instruction per week for a period of six weeks.

General Chemistry and Toxicology.—Two lectures with recitations, and four hours of laboratory instruction per week half of the term.

Materia Medica and Pharmacy.—Two hours of laboratory work and a recitation per week for the whole session.

Bandaging and Fracture Dressings.—One hour of practical instruction per week.

Examinations will be held at the close of the term in Anatomy (Osteology, Syndesmology, Myology), Normal Histology and Elementary Bacteriology, Physiology, (Digestion, Absorption, Circulation, Animal Heat, Respiration and Excretion), General Chemistry and Toxicology, Materia Medica and Pharmacy, and Bandaging.

No student can advance to the sophomore class unless he has passed the required examinations or a majority of them. If he should fail in these at the "make up" examination held in October, he can be conditioned for the ensuing session.

SOPHOMORE YEAR.

Anatomy.—Three lectures, ten hours' dissection per week and recitations over cadaver weekly for half the term.

General Pathology.—Two lectures and one recitation per week.

Hygiene.—One lecture per week.

Pathological Histology.—Seven hours of laboratory work and recitations per week part of the term.

Physiology.—Two lectures per week and four hours of laboratory instruction per week for a period of six weeks.

Medical Chemistry.—One lecture with recitation, and two hours' practical instruction in Clinical Chemistry per week half of the term.

Therapeutics.—Two lectures per week.

Surgery.—Two lectures per week.

Symptomatology and Physical Diagnosis.—One lecture per week.

Examinations will be held at the close of the term in Anatomy, General Pathology and Pathological Histology, Physiology (Nervous System, Special Senses, Reproduction), Medical Chemistry, the part of Surgery taught this year, and Symptomatology and Physical Diagnosis.

No student can advance to the junior class unless he has passed all the freshman examinations and a majority of those of the sophomore year. If he should fail in these at the "make up" examinations held in October, he can be conditioned for the ensuing session.

JUNIOR YEAR.

Pathology.—Two lectures and one recitation per week.

Bacteriology.—Six hours per week for part of the term.

Morbid Anatomy.—Three hours per week for part of the term. This course includes instruction in post-mortem, given to the class in section.

Medical Jurisprudence.—Two lectures in the latter half of the term per week.

Obstetrics.—Two lectures per week.

Operative Obstetrics.—Two demonstrations per week.

Therapeutics.—Two lectures per week.

Surgery.—Two lectures and one hour of class examination per week, demonstrations in fracture dressings.

Clinical Surgery.—Two clinics of two hours each per week.

Operative Surgery.—One demonstration per week.

Practice of Medicine.—Three lectures and two hours of class examination per week.

Clinical Medicine.—Two lectures per week.

Symptomatology and Physical Diagnosis.—One bedside demonstration per week.

Gynecology.—One recitation per week on Symptomatology and Diagnosis.

Examinations will be held at the close of the term in the Practice of Medicine, Pathology and Bacteriology, Medical Jurisprudence, Obstetrics, including Operative Obstetrics, Therapeutics, Surgery (Fractures, Dislocations, Hernia, Surgical Diseases of the Bones, Joints, Vascular and Respiratory Systems, of the Skin and its Appendages, and of the Rectum and Urinary Bladder), Operative Surgery, Fracture Dressings and Reduction of Dislocations.

No student can advance to the senior class unless he has passed all the freshman and sophomore examinations and a majority of those of the junior year. If he should fail in these at the "make up" examination, to be held in October, he can be conditioned for the ensuing session.

SENIOR YEAR.

Special Therapeutics.—One lecture or recitation per week.

Electro-Therapeutics.—Section work.

Gynecology.—One clinical lecture, one recitation or lecture, and one hour section instruction per week.

Obstetrics.—Three obstetric clinics weekly, bedside demonstration and attendance upon cases.

Special Surgery.—One lecture per week and one hour of recitation every other week.

Clinical Surgery.—Two clinical lectures of two hours and one hour of bedside instruction every week.

Practice of Medicine.—Three lectures per week and two hours of class examination.

Clinical Medicine.—Two clinical lectures and one hour of bedside instruction per week.

Ophthalmology.—One didactic lecture per week for the first half year.

Clinical Ophthalmology.—One clinic and one hour of practical instruction per week.

Clinical Laryngology.—One clinic per week and eight hours of practical instruction.

Clinical Otology.—One clinic per week and eight hours of practical instruction.

Clinical Orthopedics.—One clinic per week and eight hours of practical instruction.

Clinical Pediatrics.—One clinic per week and eight hours of practical instruction.

Clinical Dermatology.—One clinic per week and eight hours of practical instruction.

Clinical Neurology.—One clinic per week and eight hours of practical instruction.

Clinical Genito-Urinary Diseases.—One clinic per week and eight hours of practical instruction.

Attendance upon these clinics must be certified by the Instructor of each branch.

General Clinics, Medical and Surgical, at the Pennsylvania and Philadelphia Hospitals.

Final Examinations will be held at the close of the term in Special Therapeutics (Climate, Baths, Diet, Electro-Therapeutics), Gynecology, Ophthalmology, Clinical Obstetrics, Practice of Medicine (beside general medicine, this examination will include questions given by the clinical Professors of Dermatology, Neurology and Pediatrics), Surgery (in addition to the questions in the parts of Surgery not covered by the third-year examinations, there will be included questions given by the clinical Professors of Orthopedics, Genito-Urinary Diseases, Laryngology and Otology). See also examinations for the doctorate, p. 14.

HOSPITAL APPOINTMENTS.

Every year five Resident Physicians to the College Hospital and five substitutes are appointed from the graduating class. These are chosen from among the graduates attaining 80 per cent. and over. At the other hospitals of the city nearly 40 resident appointments are made annually, for the most part by competition, open to graduates in medicine.

STUDENTS' MEDICAL SOCIETIES.

Members of different classes have organized the Hare, Keen, Wilson, Forbes, Davis and Chapman Medical Societies. The Academy is a society composed of students who hold College degrees from recognized literary institutions. Meetings are held twice a month for consideration of essays on Therapeutics, Surgery, Practice of Medicine, Anatomy, Obstetrics and Physiology.

The meetings are held in the students' society rooms,

PRIZES.

The following prizes are offered to the graduates of the Jefferson Medical College, to be conferred at the Annual Commencement in 1901:

The Henry M. Phillips Prize of Seventy-five Dollars. Awarded upon the recommendation of the Professor of Medicine to the graduate in his opinion most worthy.

The Henry M. Phillips Prize of Seventy-five Dollars. Awarded upon the recommendation of the Professors of Surgery to the graduate in their opinion most worthy.

Physiology Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay or the best Examination on a subject pertaining to Physiology (open to undergraduates of the second year).

Practice Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on a subject pertaining to the Practice of Medicine.

Therapeutics Prize. A Gold Medal, for the best Examination in Therapeutics.

Surgery Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on a subject pertaining to Surgery.

Obstetrical Prize. A Gold Medal, for General Excellence in Obstetrics.

Chemical Prize. A Gold Medal, for the best Original Work in the Chemical Laboratory (open for undergraduates).

Anatomy Prize. A Gold Medal, for the best Anatomical Preparation (open to undergraduates).

Pathology Prize. A Gold Medal, for the best Essay embodying original research on some subject connected with Pathology, or for best Examination.

Ophthalmology Prize. A Gold Medal, for the best Examination on Ophthalmology.

Gynecology Prize. By Professor Montgomery, a Gold Medal, for the best Examination in Gynecology.

Demonstrator of Anatomy Prize. By Dr. Addinell Hewson, a Pocket Case of Instruments, for the best Record of Anomalies made in the dissecting-room.

Clinical Orthopedics Prize. By Professor H. Augustus Wilson, Twenty-Five Dollars, for the best Examination in Orthopedic Surgery.

Clinical Pediatrics Prize. By Professor Graham, Twenty-Five Dollars, for the best Report on his Clinics.

Clinical Neurology Prize. By Professor Dercum, Twenty-Five Dollars, for the best Examination in Neurology.

Clinical Genito-Urinary Prize. By Professor Horwitz, Twenty-Five Dollars, for the best Examination in Genito-Urinary Surgery.

Clinical Obstetrics Prize. By Professor Davis, Twenty-Five Dollars, for the best Report of his Clinics.

Clinical Ophthalmology Prize. By Professor Hansell, Twenty-five Dollars, for the best Report of his Clinics.

Clinical Ophthalmology Prize. By Thomas H. Fenton, four volumes of The System of Ophthalmology by American and Foreign Authors, for the best Report of the Clinics of Professor de Schweinitz.

Clinical Otology Prize. By Professor S. MacCuen Smith, Twenty-Five Dollars, for the best Examination in Otology.

Clinical Dermatology Prize. By Professor Stelwagon, Twenty-Five Dollars, for the best Examination in Dermatology.

Clinical Laryngology Prize. By Professor Kyle, Twenty-Five Dollars, for the best original Essay on a subject pertaining to Laryngology and Rhinology.

Clinical Laryngology Prize. By Professor Jones, Twenty-Five Dollars, for the best Report of his Clinics.

Alumni Prize. By the Alumni Association, a Medal, for the best General Average gained in the examinations for the entire curriculum.

W. B. Saunders Prize. Ten Volumes of Saunders' Medical Hand Atlases to the student who passes the best General Examination at the close of the next college term.

Out-Patient Department Obstetric Prize. By Dr. W. H. Wells, Demonstrator of Clinical Obstetrics. A Case of Instruments, for the best Report of work in Out-Patient Maternity Service.

The S. MacCuen Smith Prize of Two Hundred Dollars. Awarded by Prof. Smith upon the recommendation of a committee, for the best Essay embodying original research "On the Discharges from the Ear, with Special Reference to Intra-cranial Lesions."

TEXT-BOOKS.

FIRST YEAR.

Text-Books. Required.

Physiology.—Chapman; Brubaker.
Chemistry.—Simon; Holland on the Urine, the Common Poisons, and the Milk.

Anatomy.—Morris; Gray; Holden's Dissector, by Hewson.

Materia Medica.—Hare's Text-Book of Practical Therapeutics; Thornton's Prescription Writing.

Histology.—Stöhr.

Bacteriology.—Coplin's Manual of Pathology.

Books of Reference. Not Required.

Taylor on Poisons.
 Sadtler and Trimble, Medical and Pharmaceutical Chemistry
 Architecture of the Brain, by Fuller.
 Quain.

Sternberg; Cruikshank.

SECOND, THIRD, AND FOURTH YEARS.

Text-Books. Required.

Physiology.—Chapman; Brubaker.

Medical Jurisprudence.—Chapman.

Chemistry.—Holland on the Urine, the Common Poisons, and The Milk.

Anatomy.—Morris; Gray.

Therapeutics.—Hare; Haymen's Physiological and Natural Therapeutics.

Surgery.—An American Text-Book of Surgery.

Hygiene and Public Health.—Coplin and Bevan.

Obstetrics.—Davis.

Gynecology.—Montgomery on Practical Gynecology.

Pediatrics.—Holt on Diseases of Children.

Pathology.—Ziegler; Coplin's Manual of Pathology.

Practice of Medicine.—The American Text-Book of the Theory and Practice of Medicine.

Laryngology and Rhinology.—Cohen; Kyle.

Dermatology.—Stelwagon's Essentials of Diseases of the Skin.

Neurology.—Dercum; Chapin on Insanity.

Otology.—Barr; Volume IV, Chapter on Diseases of Ear in Hare's System of Practical Therapeutics.

Ophthalmology.—De Schweinitz; Hantsell and Bell.

Genito-Urinary Surgery.—Taylor on Venereal Diseases; Fenger on Gonorrhoea; Harrison on Surgical Diseases of the Urinary Organs.

Medical Dictionaries.—Dunglison; Gould; Duane.

Books of Reference. Not Required.

Taylor's Medical Jurisprudence.

Neubauer and Vogel on the Urine.

Black on the Urine.

Quain.

Hare's System of Therapeutics.

Warren's Surgical Pathology; Gross' Surgery; J. Chalmers Da Costa's Manual of Surgery.

American Text-Book of Obstetrics.

American Text-Book of Gynecology; Keating and Coe, Practical Gynecology;

Hamilton's Pathology.

Da Costa's Medical Diagnosis; Bartholow's Practice of Medicine; Strümpell's Practice of Medicine; Hare's Practical Diagnosis; Vierordt's Medical Diagnosis.

Hyde on Diseases of the Skin; Kaposi on Diseases of the Skin; Unna's Histopathology of the Diseases of the Skin; Aldersmith on Ring-worm and Alopecia Areata.

Gowers' Diseases of the Nervous System.

Dench; McBride on Diseases of Throat, Nose, and Ear.

American Text-Book of Diseases of the Eye, Ear, and Throat.

Veasey's Ophthalmic Operations as Practiced on Animals' Eyes.

Senn on Tuberculosis of the Genito-Urinary Organs; Jacobson on Diseases of the Male Organs of Generation; Cardinal Symptoms of Urinary Diseases, by Fenwick.

INFORMATION FOR STUDENTS.

The personal expenses of the student are at least as low in Philadelphia as in any other large city. Students can board comfortably for from \$4 to \$5 per week, fire and light included; and those who are willing to live at some distance from the COLLEGE, or to club together in lodging-rooms, can live at lower rates.

Students will save time and expense by going directly to the College, corner of Tenth and Walnut Streets, on their arrival in the city. The Clerk will at once see that they are provided with board.

Students are advised to register and procure their tickets without delay, as numbered seats are given in the order of registration. The Dean can be seen at his office, in the College building, every day, from 10 A. M. to 12 M., or at such times as he may hereafter announce.

Any student will receive the Jefferson College Hand-Book, by writing to the Inter-Collegiate Secretary, Y. M. C. A., at Fifteenth and Chestnut Streets, Philadelphia.

All business connected with the College is transacted at the office of the Dean.

Students are advised to pay fees by check for the exact amount. Remittances for other expenses should be in Postal or money-orders or notes by express, as the College will not endorse checks for private expenses.

Letters on business of exclusive interest to the writer must inclose a stamp to secure attention.

By the Faculty:

J. W. HOLLAND, M. D., *Dean*.

Approved by the Board of Trustees:

WM. POTTER, *President*.

SIMON GRATZ, *Secretary*.

ORDER OF LECTURES AND PRACTICAL INSTRUCTION

FRESHMAN YEAR *

HR.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	HR.
9	Dissection	Dissection	Dissection	Dissection	Dissection	Dissection	9
10	Sections in Chemical Laboratories	Sections in Chemistry Physiology and Syn-desmology	Sections in Pharmacy and Histology	Sections in Histology, Osteology, Bandaging Pharmacy or Syn-desmology	Sections in Histology, Osteology, Bandaging Pharmacy or Syn-desmology	Sections in Practical Histology Pharmacy	10
11	Dissection	Dissection	Dissection	Dissection	Dissection	Dissection	11
12			Holland Chemistry and Toxicology	Holland Chemistry and Toxicology	Chapman Physiology	Chapman Physiology	12
2	Dissection 3 hours	Forbes Anatomy		Dissection 2 hours			2
3		Dissection 2 hours	Dissection 3 hours		Dissection 3 hours		
5	Thornton Recitation Materia Medica			Coplin Bacteriology			5
8			Recitation in Anatomy				7-30

* Subject to alteration

SOPHOMORE YEAR *

HR.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	HR.
9			Dissection	Dissection	Dissection	Dissection	9
10	Dissection	Dissection	Sections in Pathological Histology	Sections in Physiology and Pathological Histology	Sections in Clinical Chemistry Laboratory	Sections in Pathological Histology Physiology Laboratory	10
11	Da Costa Surgery	Da Costa Surgery					11
12	Chapman Physiology Med. Juris. after Feb. 22d	Chapman Physiology Med. Juris. after Feb. 22d	Coplin Pathology		Cohen Semeiology	Holland Clinical Chemistry	
1	J. C. Wilson or Hare Medical Clinic	Recitation in Pathology	Keen Surgical Clinic Jefferson Hospital	J. C. Wilson or Hare Medical Clinic	Coplin Pathology	Hearn or Da Costa Surgical Clinic Jefferson Hospital	12
3	Forbes Anatomy		Dissection Forbes After Jan. 1st Anatomical Examination	Forbes Anatomy	Dissection	Post-mortem	3
4	Dissection			Dissection			
5		Hare Therapeutics	Hewson Lecture Anatomy		Hare Therapeutics		5
8			Recitation in Anatomy				7-30

* Subject to alteration

JUNIOR YEAR *

HR.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9	Sections in Bacteriology Laboratory	Sections in Bacteriology Laboratory	Dissection	Dissection	Sections in Bacteriology Laboratory	Coplin Pathology
10			Pennsylvania and Philadelphia Hospitals Operative Obstetrics	Montgomery Gynecol.		
11	Brinton Surgery	Brinton Surgery		Horwitz Genito-ur. Clinic	Recitation in Gynecology first half	Diagnosis Med. Ward
12	Chapman Med. Juris. after Feb. 22	Chapman Med. Juris. after Feb. 22	Philadelphia and Pennsylvania Hospitals			Philadelphia and Penna. Hospitals
1	J. C. Wilson or Hare Medical Clinic	Montgomery Gynecol. Clinic	Keen Surgical Clinic Jefferson Hospital	J. C. Wilson or Hare Med. Clinic	DeSchweinitz or Hansell Eye Clinic	Hearn or Da Costa Surgical Clinic Jefferson Hospital
3	Morbid Anatomy, Operative Surgery, Fracture Dressings and Dislocations	Operative Surgery, Morbid Anatomy, Fracture Dressings and Dislocations	Operative Surgery and Fracture Dressings and Dislocations	Morbid Anatomy	Recitations in Pathology	Post-mortem
4	DeSchweinitz Ophthalmology first half	J. C. Wilson Practice of Medicine	J. C. Wilson Practice of Medicine	Davis Obstetrics	J. C. Wilson Practice of Medicine	
5	Coplin Pathology	Hare Therapeutics	Davis Obstetrics	Operative Obstetrics	Hare Therapeutics	
8	Recitations in Practice of Medicine	8.30 Recitations in Surgery	Recitation in Anatomy Optional	Operative Surgery	Recitations in Practice of Medicine	

* Subject to alteration

SENIOR YEAR *

HR.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9	Spencer Recitations in Surgery Alternate weeks	Sections— Hirst Gynecology	Sections— Spencer Surgery			Sections— Gibbon Surgery
10	Smith Ear Clinic	Graham Recitation in Pediatrics	Pennsylvania and Philadelphia Hospitals	Montgomery Gynecology	H. A. Wilson after Jan. 15 Orthopedics	Bochroch Electro-Therapeutics
11	Stelwagon Skin Clinic	H. A. Wilson Orthopedic Clinic	Horwitz Genito-Urinary Surgery	Horwitz Genito-Urinary Clinic	Dercum Neurological Clinic	Graham Children Clinic
12	Sections— Hearn Surgery Da Costa Medicine Krusen Gynecology Graham Children Dercum Neurology	Sections— Hearn Surgery Ashton Medicine Klopp Ear Kyle Throat Stout Skin Rugh Orthopedic	Sections— Salinger Medicine Maier Gynecology Horwitz Gen.-Urinary Bochroch Neurology	Sections— Da Costa Surgery Kalteyer Medicine Fisher Gynecology Jones Throat Hoopes Ear Wilson Orthopedic	Sections— Da Costa Surgery Ashton Medicine Hammond Gynecology Stout Skin Shriner Children Smith Ear	Salinger Medicine Fisher Gynecology Loux Genito-Urinary Rugh Orthopedic
1	J. C. Wilson to Jan. 15 H. A. Hare after Jan. 15 Medical Clinic	Montgomery Gynecology Clinic	Keen Surgical Clinic	J. C. Wilson to Jan. 15 H. A. Hare after Jan. 15 Medical Clinic	Hansell to Jan. 15 DeSchweinitz after Jan. 15 Eye Clinic	Hearn or Da Costa Surgical Clinic
3	Sections— Hansell to Jan. 15 DeSchweinitz after Jan. 15 Eye	Sections— Sweet to Jan. 15 Veasey after Jan. 15 Eye Davis Obstetric Clinic	Sections— Sweet to Jan. 15 Veasey after Jan. 15 Eye	Sections— Hansell to Jan. 15 DeSchweinitz after Jan. 15 Eye	Cohen, Kyle or Jones Throat and Nose Clinic	Sweet to Jan. 15 Veasey after Jan. 15 Eye
4	DeSchweinitz before Jan. 15 Eye	J. C. Wilson Practice	J. C. Wilson Practice	Salinger Recitation. Practice	J. C. Wilson Practice	
5	Davis Obstetric Clinic	Dercum Mental Diseases	H. A. Hare Special Therapeutics	Keen Surgery	Davis Obstetric Clinic	
8	Ashton Recitation Practice	Spencer 8.30 Recitation in Surgery Optional	Recitation in Anatomy Optional			

* Subject to alteration

GRADUATES

OF

THE JEFFERSON MEDICAL COLLEGE

OF PHILADELPHIA,

MAY, 1899.

At a Public Commencement, held at the American Academy of Music on the 15th day of May, 1899, the Degree of DOCTOR OF MEDICINE was conferred on the following gentlemen by the President, Hon. WILLIAM POTTER, the exercises closing with a Valedictory by Hon. MAYER SULZBERGER, LL.D.

NAME	STATE OR COUNTRY	NAME	STATE OR COUNTRY
Abrahamson, Philip	Pa.	Irvin, Edgar Harland	Tex.
Allison, Charles Edward	Pa.		
Beggs, David B.	Pa.	Jackson, Charles Elsworth	Tex.
Boice, Harman Edward	Mich.	Joyner, Claudius Cameron	N. C.
Bostock, Herbert Arthur	Pa.		
Carver, Harry Franklin	Pa.	Kalteyer, Frederick John, Jr.	(M.D.) Tex.
Cavanagh, Charles Joseph	Pa.	Keating, William Patrick Stuart	Conn.
Clarke, Samuel	Pa.	Keller, Peter Martin	Mich.
Cleveland, Frank Mortimer	N. Y.	Kennedy, Edwin Russell	Ohio
Clifford, Raymond Alfred (M.D.)	Ohio	Kennedy, James William	Kan.
Cowgill, Solomon Macy	Ind.	Kleeberg, Felix	Conn.
Croft, John Walker	Pa.		
Cushing, Herbert Howard (M.D.)	Pa.	Lackey, William Nicholas	Tenn.
		Lau, Scott Wolford	Pa.
Dollard, Edmund Charles	Wis.	Lee, Alvin Craig	Pa.
Downs, Myron LaFayette	Ill.	Lewis, Estell Budd	Pa.
Duffield, Elias Mortimer	N. J.	Lockett, William Robert	Tenn.
Dunham, Alonzo H.	Cal.	Longfellow, Jacob Winslow	Me.
Ellis, Peter Clarkson	Ky.		
Farnham, Elmer John	Me.	McCormick, John	Miss.
Ferguson, George McIntire	Pa.	McNair, William Righter	Pa.
Fulton, I. M. Dudley	Mich.	Mace, Henry Fancher	N. Y.
Gross, Herbert Franklin	Pa.	Meriweather, Tyler	Ill.
		Merrymen, John Whitfield	Pa.
Hayman, Edwin Henry	Pa.	Michener, Evan Worthington	Pa.
Hearn, William P.	Pa.	Moore, George Cooper	Del.
Hebsacker, William Frederick	Pa.	Moore, Thomas Kenney	Mich.
Hofer, Clarence Andreas	N. J.	Moran, Thomas Wesley	Pa.
Holbrook, Arthur Gilbert	Mich.		
		Neare, Clifford Reno	Ohio
		Nicholls, James Calvin	Pa.
		Nicholls, Robert Delmer	Pa.
		Nobles, Joseph Everett	N. C.

NAME	STATE OR COUNTRY	NAME	STATE OR COUNTRY
O'Neill, Chrysostom A.	Conn.	Smith, Willard Eugene	Del.
Oram, Joseph Hubbhrd	N. J.	Spruance, James Harvey	Del.
Ostrander, William Alonzo	Pa.	Squires, Walter Howland	Pa.
Packer, Elmer Benjamin	Ill.	Thomason, George W.	Mich.
Pearce, Claude Melvin	Ore.	Tuers, George Edward	N. J.
Perry, Samuel Wesley	Pa.	Tuttle, John Layton, Jr.	Mich.
Peterson, Hiram Dewey	Ohio		
Pollock, Raymond	N. C.	Van Sciver, John Elnathan L.	N. J.
Post, Charles Augustus H.	Ill.		
		Weber, Harry Friedman	Ohio
Rafferty, Herbert Nowell	Ill.	Williams, Chas. Henry (M.D.), Mich.	
Reese, Lewis	Pa.	Wimberley, Joseph Powell	N. C.
Royce, Charles Clifton	Pa.	Winebrake, Albert Jefferson	Pa.
Royer, B. Franklin	Pa.		
		Yacub (Jacob), David Elias	Syria
Shepard, Cassius Marion	Ohio	Yeager, George Carpenter	Pa.
Smith, Henry Stephen	Tex.	Yeager, Johnson Arthur	Ohio
Smith, Sydney James	Tex.		

RECAPITULATION.

Of the foregoing there were from—

Pennsylvania	31	Tennessee	2
Michigan	8	California	1
Ohio	8	Indiana	1
New Jersey	5	Kansas	1
Illinois	5	Kentucky	1
North Carolina	4	Mississippi	1
Texas	4	Oregon	1
Connecticut	3	Wisconsin	1
Delaware	3	Syria	1
New York	2		
Maine	2	Total	85

There are now 10,921 names on the list of graduates.

PRIZES.

The following prizes were awarded :

The Dr. Francis W. Shain Gold Medal, for the best Examination in Physiology, to undergraduate Joseph Benjamin Horinstein, of Pennsylvania.

The Dr. Francis W. Shain Gold Medal, for the best examination in Surgery, to William R. Lockett, of Tennessee.

The Dr. Francis W. Shain Gold Medal, for the best examination in Practice of Medicine, to Peter Martin Keller, of Michigan.

A Gold Medal, for the best Anatomical Preparation, to undergraduate Philip Atlee Sheaff, of Pennsylvania.

A Gold Medal, for General Excellence in Obstetric Work, to B. Franklin Royer, of Pennsylvania.

A Gold Medal, for the best Essay on a subject pertaining to Pathology, to William Nicholas Lackey, of Tennessee.

A Gold Medal, for the best Examination in Therapeutics, to Joseph Powell Wimberley, of North Carolina.

A Case of Instruments, given by Prof. Montgomery, for the best Examination in Gynecology, to Charles Henry Williams, of Michigan, with honorable mention to Peter Martin Keller, of Michigan, and B. Franklin Royer, of Pennsylvania.

A Gold Medal, for the best Examination in Ophthalmology, to Charles Henry Williams, of Michigan, with honorable mention to Elmer Benjamin Packer, of Illinois.

The W. S. Forbes Anatomical League Prize of One Hundred and Fifty Dollars, given by Prof. Forbes to the member of the Anatomical League having the highest standing in a Competitive Examination in Anatomy, to Elmer John Farnham, of Maine.

The H. A. Hare Society Prize of Fifty Dollars, to the member of the Hare Society passing the best Examination in all Branches, to Francis Mortimer Cleveland, of New York.

The J. C. Wilson Society Prize of Fifty Dollars, given by a friend of the Society, for the best Examination in Practice of Medicine on the part of a member of the J. C. Wilson Society, to Samuel Wesley Perry, of Pennsylvania.

The Alumni Prize of a Medal, for the best General Average of Scholarship gained in the entire curriculum, to John Elnathan L. Vansciver, of New Jersey.

A Prize of Twenty-five Dollars, for the best examination in Orthopedic Surgery, by Prof. H. Augustus Wilson, to Edwin Russell Kennedy, of Ohio.

A Prize of Twenty-five Dollars, for the best report of the Clinical Lectures on Diseases of Children by Prof. Graham, to Scott W. Lau, of Pennsylvania.

A Prize of Twenty-five Dollars, for the best Examination on Diseases of the Nervous System by Prof. Dercum, to I. M. D. Fulton, of Michigan, with honorable mention to Clifford Reno Neare, of Pennsylvania, and Henry Stephen Smith, of Texas.

A Prize of Twenty-five Dollars, for the best Report of the Clinical Lectures on Obstetrics by Prof. Davis, to Sydney James Smith, of Texas.

A Prize of Twenty-five Dollars, for the best Report of the Clinical Lectures on Ophthalmology by Prof. De Schweinitz, to Frank Mortimer Cleveland, of New York.

A Prize of Twenty-five Dollars, for the best Examination in Genito-Urinary Surgery by Prof. Horwitz, to Herbert Franklin Gross, of Pennsylvania, with honorable mention to Cassius Marion Shepard, of Ohio.

A Prize of Twenty-five Dollars, for the best Examination on the Clinical Lectures on Otology by Prof. S. MacCuen Smith, to H. Stephen Smith, of Texas.

A Prize of Twenty-five Dollars, for the best Examination in Dermatology, by Prof. Stelwagon, to Scott W. Lau, of Pennsylvania, with honorable mention to Estell Budd Lewis, of Pennsylvania.

A Prize of Twenty-five Dollars, for the best Original Essay on a subject pertaining to Laryngology and Rhinology by Prof. D. Braden Kyle, to Charles Clifton Royce, of Pennsylvania.

A Prize of Twenty-five Dollars, for the best Report of the Clinical Lectures on Laryngology by Prof. W. S. Jones, to Sydney James Smith, of Texas, with honorable mention to Frank Mortimer Cleveland, of New York.

A Prize of Seven Volumes of Saunders' Medical Hand Atlases, awarded by W. B. Saunders, Esq., for the best General Examination Record, to John Elnathan L. Vansciver, of New Jersey.

HOSPITAL APPOINTMENTS.

The following graduates of 1899 received hospital appointments :

Jefferson Hospital.—B. Franklin Royer, William R. Lockett, Joseph H. Oram, Peter Clarkson Ellis, Edwin R. Kennedy, William P. Hearn and Sydney J. Smith.

Philadelphia Hospital.—Elmer J. Farnham, of Maine ; C. R. Neare, of Ohio ; George C. Yeager, of Pennsylvania.

Jewish Hospital of Philadelphia.—Charles Friedman Weber, of Ohio.

St. Joseph's Hospital of Philadelphia.—Charles E. Jackson, of Ohio.

Mercy Hospital of Pittsburg.—Daniel B. Briggs, of Pennsylvania.

Harrisburg Hospital.—J. W. Kennedy, of Kansas.

German Hospital.—Dr. George McIntire Ferguson.

MATRICULATES.

SESSION 1899-1900.

FRESHMAN CLASS.

Akers, Andrew Frank Pa.	Davis, George Anthony . . Conn.
Allen, Frederick Blunt . . . N. Y.	Davis, Robert Charles . . . Pa.
Allison, Lucian Dent Pa.	Davis, William Price, Jr. . . Pa.
Angle, Walter Leon Pa.	Dawson, Daniel Witham . . N. J.
Armstrong, Thomas Robertson . Pa.	Deemer, Paul Roscoe Pa.
Armstrong, Thomas Smith . . . Pa.	Dennis, Isaac J. B. (A.B.) . Pa.
Baines, Matthew Carroll . . . Pa.	Dettera, Wilson Pa.
Bannon, Charles Francis . . . Pa.	Douglas, Earl Campbell . . N. Y.
Bell, David Major Pa.	Eastwood, Edmund N. J.
Bell, Monsell Ray W. Va.	Edwards, William McEwen . Wis.
Bennett, Clarence Elmer . . . Pa.	Ellison, Thomas Pa.
Biehn, William Milton Pa.	Elmaleh, Leon Haim Pa.
Biello, Joseph Albert Pa.	Flatly, John Walter Pa.
Blankemeyer, Henry John, Jr., (P.D.) Pa.	Fleming, Edwin Rahn Pa.
Boyce, Lee Pa.	Foster, Wilbur A. . . . Pa.
Briggs, Miron Lake Pa.	Garrettson, William Pa.
Brooks, Ernest K. . . . Ga.	Gibson, Arthur Wells Pa.
Brown, Albert Whittier . . . Me.	Goodman, Bert E. . . . Ohio
Calhoun, Howard Boyd Pa.	Gormley, James Aloysius . . N. J.
Cannon, Joseph George . . . Pa.	Gray, Charles Mickel . . . N. J.
Carey, Alfred Blake Wis.	Gray, Stoddard Perry . . . N. Y.
Carlitz, Joseph Samuel . . . Pa.	Green, Max Pa.
Carney, Samuel David . . . Pa.	Harrington, James Leon . . Conn.
Carroll, Thomas Benjamin . . Ohio	Hart, Charles Vincent . . . Pa.
Chamberlain, Leslie N. Y.	Hay, George Pa.
Childs, Benjamin Henry . . . Mass.	Hazlett, Frank Leslie . . . Pa.
Clagett, Augustus Henry . . . Pa.	Heed, Charles Rittenhouse . Pa.
Cohen, Abraham Joseph . . . Pa.	Heisler, Frank Joseph . . . Pa.
Collins, Emerson Clay . . . Ky.	Hemphill, Royden M. . . . Pa.
Corwin, James Howard . . . Pa.	Henderson, John Samuel . . Pa.
Crane, Harold Hayes Me.	Henry, Albert Leon Pa.
Crawford, James Calvin . . . Pa.	Henry, Hugh H. . . . Ark.
Crossman, George Albert . . . Pa.	Hess, Robert James, Jr. . . Pa.
Crow, Arthur Everett Pa.	Heyl, Charles Ambrose . . . Pa.
Cunningham, George A. . . . Pa.	Heyser, Jonas Edward . . . Pa.
Cutter, Derwood J. . . . Pa.	Hillard, James Pearse . . . Mass.
Dana, Lawrence W. . . . Pa.	Hoffman, Charles Wilbur . W. Va.

Holston, John George Frederick, Ohio	Murphy, Francis Aloysius . . . Pa.
Hookey, Charles Gilbert, Jr. . . Pa.	Musser, Lawrence Guerin . . . Pa.
Hope, John Ferguson Pa.	Myers, Edward Ralph Pa.
Houser, Burton Clayton Pa.	Mylin, Walter Franklin Pa.
Houston, John Bernard Pa.	Neptune, Norman William . Ohio
Huber, George N. J.	Newcomb, Marcus W. . . . N. J.
Hudson, Harry, Jr. . . . Pa.	Nickel, James Edward Pa.
Hutzel, Oliver L. . . . Pa.	North, Henry Urban Pa.
Hyskell, William Emory (M.E.) Pa.	Northey, Arthur Earl Me.
Imboden, Henry Miles (A.B.) . Pa.	O'Brien, John Daniel Pa.
Janisch, Frederick William . . Pa.	Oglevee, Thomas Edison . . . Pa.
Jones, John Bayley, Jr. (A.B.) . Pa.	O'Neil, Michael Joseph . . . R. I.
Kaffie, Leopold La.	Patterson, Robert Mehard . . Pa.
Katz, Meyer Joseph Pa.	Peltz, Philip Malcolm Pa.
Kenney, Joseph William . . . Ont.	Pilling, George Platt, Jr., . . Pa.
Kiefer, Raymond Arndt . . . N. J.	Platt, Thomas Heritage, Jr. . N. J.
Kissinger, Walter Cealey . . . Pa.	Plum, Stanley E. . . . Pa.
Kriebel, Asher Griesemer . . . Pa.	Pritchard, Frederick Morris . Pa.
Kunkel, Oscar Franklin (B.E.) Pa.	Prothero, Harold Ney Pa.
Laidlaw, Frederick Winfield . N. Y.	Quick, Thaddeus Hart . . . Ohio
Larkins, Clyde R. . . . Ohio	Quiney, James J. . . . N. J.
Lehman, George Weidner . . . Pa.	Reber, Conrad Samuel (M.E.) . Pa.
Lineaweaver, Frederick William, Pa.	Riggs, Joseph Potter N. J.
Loewy, Ignatz David Pa.	Roberts, William Puzey . . . Pa.
Logan Edward Johnson . . . R. I.	Robison, Clair Edward . . . Pa.
Loper, John C. . . . N. J.	Rose, Horace Lewis N. J.
McCoach, William, Jr. . . . Pa.	Sauer, Emil Mass.
McCracken, James Aloysius . . Pa.	Schaffer, Harry Abraham . . . Pa.
McCreedy, Edwin Bosworth . . Pa.	Schoolman, Noah Pa.
McFall, Leslie M. . . . Ill.	Schwartz, Lorraine L. . . . Pa.
McGarvey, Leonard Garfield . . Pa.	Severs, George Harvey . . . Pa.
McGee, Thomas Francis . . . Mass.	Seymour, Michael Joseph . . . Pa.
McKeag, Charles Leonard . . . N. J.	Sherger, John Adam Pa.
McKemy, John William . . . Ohio	Sheridan, Lawrence Aloysius . Pa.
McMillin, J. William Pa.	Shiner, Milton Charles . . . Tex.
Manges, Willis Fastnacht . . . Pa.	Sill, Ralph Henry Ohio
Mayhew, Charles Holmes . . . N. J.	Slifer, Walter Levi Pa.
Meals, Roy C. . . . Pa.	Smith, Lawrence De Haven . Del.
Mervine, Robert Batten . . . Pa.	Stanton, John Jos. . . . Pa.
Miller, Henry Ernest Pa.	Sternberg, Abram Pa.
Miller, Richard Oliver Pa.	Stewart, Robert Armstrong . Pa.
Miller, Walter Marion Pa.	Storall, Arnold Ga.
Mitchell, Henry Chalmers . . . Pa.	Strawn, Thomas Pa.
Moncada, Marco Aurelio, Colombia	Sullivan, Joseph Vincent . . Mass.
Montague, Aloysius Francis . . Pa.	Swan, James Hayes (M.E.) . . Pa.
Moore, Darius Carrier Pa.	Tauber, Bernard N. Y.
Moore, Warren Adolphus . . . Pa.	Taylor, Walter Albert . . . N. J.
Morret, Henry Eckert Pa.	Titman, Charles Eugene . . . Pa.
Morse, A. Raymond N. Y.	
Moser, Raymond Anson Pa.	
Mullison, Edwin D. S. . . . Pa.	

Tomlinson, William Hibbs . . . Pa.	Whitehead, Ira Bratton (M.E.), Pa.
Topper, John Albert . . . Pa.	Willard, Josiah James . . . Ga.
	Williams, Clifford Oswin . . Conn.
Walker, Charles Elisha . . . Ohio	Wilson, Frank Arnett . . . Va.
Ward, William J. . . . N. Y.	Winship, Herring . . . Ga.
Weinberg, Morris . . . Pa.	Wood, Charles Merklein . . . Pa.
White, Francis William . . . R. I.	

SOPHOMORE CLASS.

Albertson, Harry Walter . . . Pa.	Ernst, Charles Henry . . . Pa.
Atkins, George Hulings (Ph.G.) Del.	Evans, William Burd . . . Pa.
	Ewing, Samuel Eldridge . . N. J.
Bachrach, Benjamin . . . Ill.	
Barrett, Edward William (B.S.) Mass.	Ford, Edward F. . . . Pa.
Beale, Samuel Marsden, Jr. (Sc.B.) Mass.	Fox, Francis H. . . . Pa.
	French, Ralph William . . . Pa.
Beardsley, Edward John . . Conn.	Gardner, Raymond H. . . . Pa.
Bechtel, James Frank . . . Pa.	Gasslein, Richard Joseph (P.D.) Pa.
Bell, Elliott Edwin (A.B.) . . Pa.	Gibbons, Miles A. . . . Pa.
Bergeron, Pierre Norbert . . Mass.	Gille, Hugo (Ph.G.) . . . N. J.
Besser, David Valentine . . . Pa.	Glasgow, Luther Ellis . . . Pa.
Bice, Barrett Dedrick . . . W. Va.	Greaves, Harrison Adams . . Pa.
Blackwood, James Magee (B.S.) Pa.	Greer, William Franklin, Jr. (Ph.G.) . . . N. J.
Bowers, Clarence George . . . Pa.	Griffith, Morgan Everett . . Pa.
Bowman, Thomas Edward . . . Pa.	Grimes, George Dalton (A.B.), Kan.
Boyle, Patrick Francis . . . Pa.	Grove, Austin Millard . . . Pa.
Brennan, James L. . . . Pa.	
Britt, Charles Carroll . . . Pa.	Hardy, James Hazen . . . Mass.
Brown, George Christopher . Mass.	Harris, Frederick Thomas . . Idaho
Bryson, John Frampton (M.E.) . Pa.	Hartman, Milton Ellsworth . . Pa.
Bushey, Harry Frederick . . . Pa.	Hartzell, R. Keelor (B.S.) . . Pa.
	Hayes, William Clayton . . . Pa.
Chace, William Palmer . . . Mass.	Hazlett, Edgar Marion . . . Pa.
Coleman, Oscar Edwin . . . Col.	Heacox, Frank L. . . . Conn.
Connaway, Henry Clay . . . Md.	Hearn, Marion . . . Md.
Conner, Stilman Henry . . . Pa.	Hein, Lyman David . . . Pa.
Cooper, Randolph . . . N. J.	Heineberg, Alfred (P.D.) . . Ala.
Crowe, Frank Beresford (A.B.) . Pa.	Henry, Howard Gobin . . . Pa.
Curley, Walter James (A.B.) . Mass.	Hill, George Price . . . Pa.
	Hollingsworth, Robert Blackshear La.
Davies, David Hill . . . Pa.	
Davis, William McCay (A.B.) . Pa.	Horner, Earle Hartle . . . Ill.
Davis, William Nevins . . . Pa.	Horning, William H. . . . Pa.
De Kay, Julius Miner . . . N. Y.	Hottenstein, Peter David (P.D.), Pa.
Dexter, Charles Amory . . . Ga.	Howard, James Caryl . . . Pa.
Dinkelspiel, Max R. . . . N. Y.	Hull, Robert Lord . . . Maine
Doane, Samuel Newman . . . Pa.	
Drick, George Rosemiller (M.E.) Pa.	Ingraham, Norman Reeh . . . Pa.
Dwyer, James Vincent . . . Pa.	Ireland, Frederick W. . . . N. Y.
	Ireland, Milton Stanton . . . N. J.
Edwards, Thomas Aloysius, W. Va.	
Ely, Clarence Francis . . . Pa.	

Jarvis, Cecil C. . . . W. Va.	Potter, George Walter . . . Pa.
Johansson, Alfred Herman, Sweden	Powers, Thomas Wilson . . . Ala.
Johnson, Hugh Jacob . . . Pa.	
	Quinlivan, William Francis . . Pa.
Kane, Clinton Austin . . . Md.	
Keating, Charles Albert, Jr. . N. J.	Ralston, William James . . . Pa.
Kelley, Alfred Logan . . . Del.	Ransom, Matthias Lent . . . N. Y.
Kelly, Carroll Jerome . . . Pa.	Rhoads, John . . . Pa.
Kelly, Thomas Martin . . . Pa.	Rodman, Robert William . . N. Y.
Kirby, Frank Brennand (P.D.) . Pa.	Rutherford, John Burton . . . Pa.
Kirkpatrick, William Burke . . Pa.	
Kirschner, Harry Edward . . . Pa.	Salus, Harry Weider . . . Pa.
Kistler, Alvin Jacob . . . Pa.	Schaffner, Boyd Willamber . . Pa.
Kosek, Frank Joseph . . . Pa.	Schoffstall, Joseph Wellington . Pa.
	Scott, Robert Crawford . . . Pa.
Lacock, Horace Mortimer . . . Pa.	Segal, Julius . . . Pa.
Lawrence, Michael Herman . . Pa.	Shannon, Charles Emery Gould (A.B.) . . . Maine
Lehman, Joseph Davis (Ph.G.) . Pa.	Sharp, Norman Wallace (A.B.), Pa.
Lincoln, George W. (Ph.G.) . . Pa.	Shepler, Robert McMurren . . Pa.
Linton, Jay Dever . . . Pa.	Shimoon, Joseph . . . Persia
Lochhead, Horace Burton . Mich.	Sieber, Isaac Grafton (P.D.) . . Pa.
Long, William F. (M.E.) . . . Pa.	Smiley, James Meredith . . . Pa.
	Smith, Frank Albert . . . N. Y.
Mader, Elias . . . Pa.	Smithgall, Melvin Harvey . . Pa.
McClure, Joseph Hamilton . . . Pa.	Snyder, Charles P. (B.E.) . . Pa.
McCoy, James Edward (Ph.G.) . N. Y.	Sorin, Herman Mitchell . . . N. J.
	Spitz, Louis . . . Pa.
Maclay, Joseph Alan . . . N. J.	Steele, John Ward . . . Del.
Manning, Charles La Forge . . N. J.	Stewart, Ralph Waldo . . . Ohio
Miller, Solomon Metz (Ph.G.) . Pa.	Stimms, Howard George (P.D.) N. J.
Minor, Jefferson Hernando . . Pa.	Stokes, John Wallace . . . N. Y.
Mooney, William Francis . . . Mass.	Swogger, Lawrence Lonzo . . . Va.
Moore, Joseph Aloysius . . . Pa.	Sycle, Moses . . . Pa.
Moore, Philip Henry (A.B.) . Me.	
Mundhenk, Herbert Conner (Ph.B.) . . . Ohio	Taylor, Herbert Leonel . . . N. H.
Munsch, Augustin Philip . . . Pa.	Tierney, Michael Francis . . . Pa.
Myers, Dennis Alexis (D.D.S.), Pa.	Tinney, Alfred Grant . . . Pa.
	Trainer, Elmer William . . . Mont.
Nealon, William James . . . Pa.	Trainor, Charles Edwin . . . Miss.
Newton, John Joseph . . . Pa.	
Nofer, George Hancock (B.S.) . Pa.	
	Wakefield, Ralph Waldo . . . Me.
O'Donnell, James Vincent . . . Pa.	Walker, Granville Hunt (A.B.), Pa.
Ogden, Edward Messenger . . N. Y.	Webb, Fred Leland . . . Iowa
O'Neill, James Frederick . . . Pa.	Werst, Nevin Blank . . . Pa.
Outerson, Richard Ambrose . Conn.	Wertman, Mahlon Andrew . . Pa.
	Wherry, Calvin Norwood . . . Pa.
Pabst, William John . . . Pa.	Wigmore, Frank Smith . . . Pa.
Palmer, Charles Walter . . . Pa.	Woodburn, Wilton . . . Pa.
Patton, Gideon Harmer . . . Pa.	Wormser, Bernard Bertram . . Pa.
Parry, Evan Jenkins . . . Pa.	Wright, Howard Jarvis . . . Conn.
Pechin, Edward Charles . . . Pa.	
Pelouze, Percy Starr . . . N. J.	Zehner, Samuel Tilden . . . Pa.
Perry, Earl Hunter . . . N. Y.	

JUNIOR CLASS,

Altman, Owen Randolph . . . Pa.	Greenfield, John Claude . . . Pa.
Angle, George Burton . . . Tex.	Grumley, E. C. F. . . . N. J.
Applewhite, Scott C. . . . Ind.	
Baldwin, Hugh Allen . . . Ohio	Hagey, John Briggs . . . N. Y.
Bassett, Henry Linn (A.B.) . . Pa.	Hamilton, Gilbert Van Tassel, Ohio
Beek, John Alonzo . . . Pa.	Harkness, John Linton . . . Pa.
Berberich, Herman (P.D.) . . Pa.	Harris, Alexander Everett . . Ark.
Bertolet, Walter Melot . . . Pa.	Haymond, Luther . . . W. Va.
Bittner, Henry Edward . . . Pa.	Hess, Adolph . . . Pa.
Bland, Pascal Brooke . . . Pa.	Heysinger, James Downey . . Pa.
Bossard, Harry Bardwell . . . Pa.	Holcombe, Charles Haight . N. J.
Bradford, Edward Burton . . Pa.	Holtzhausser, George Jacob . . Germany
Brown, Charles Gailey (A.B.), Ohio	Horinstein, Joseph Benjamin . . Pa.
Cartin, Harry James . . . Pa.	Horne, Benjamin W. . . . Pa.
Chamberlin, John Leavitt . . N. J.	Howard, John Edgar . . . Pa.
Chirinos, Frederico Celso . . Venezuela, S. A.	Hughes, Louie B. . . . Neb.
Conrey, Thomas Jackson . . . Md.	Jackson, William R. . . . Pa.
Cooper, Frank Chambers . . . Pa.	Kapp, Henry Hermann . . . N. C.
Cooper, Herbert . . . Mass.	Katherman, Frank Clark . . Pa.
Cox, Solomon (D.D.S.) . . . Pa.	Keely, John . . . Ga.
Craig, Albert B. . . . Wash.	Kelley, Daniel Joseph . . . Mass.
Craig, John Jay (B.A.) . . . Pa.	Keeney, Homer Isaac . . . Ore.
Crawford, David Hutchison . N. J.	Kline, Willard Daniel . . . Pa.
Crigler, Wallace Payton . . . Ky.	Kottcamp, Edward Charles . . Pa.
Culler, Robert Martin . . . Pa.	Kuntz, Frederick W. . . . Pa.
Curran, John D. J. . . . Pa.	Laessle, Henry Adolph . . . Pa.
Curtis, Ralph Gardner . . . Cal.	La Motte, George Althouse . . Mo.
Davis, James Leslie . . . Ky.	Langstroth, Francis Ward, Jr., N. J.
Davis, Robert Goode . . . Ark.	Levien, David Arnold . . . N. Y.
Despard, Duncan Lee . . . W. Va.	Lindley, Don Carlos . . . Pa.
Diggett, Ernest William . . . Fla.	Logan, Samuel Gilmore . . . Pa.
Dight, Herman Herschel . . . Pa.	Longshaw, Thomas Elmer . . . Pa.
Dirickson, Cyrus Williams (B.S.) . Md.	McCarthy, Frank Peter . . . Pa.
Dole, William Arthur (Ph.B.), Kan.	McFeeters, Robert Bruce . . . Pa.
Dolson, Frank Edgar . . . Pa.	McMullin, Francis Aloysius . . Pa.
Douglass, William Tyler . . . Pa.	Markel, Henry Clayton . . . Pa.
Ellis, Edwin Milton . . . Pa.	Metz, Joseph Arthur . . . Ohio
Ellis, James Baxter . . . Ark.	Meyer, John Hermann . . . Cal.
Fosque, George Lee . . . Va.	Miller, John Barton . . . Pa.
Foulkrod, Collin (A.B.) . . . Pa.	Miller, Levi Eugene . . . Pa.
Freeman, Walter Seip . . . N. J.	Miller, Warren Jacob . . . Pa.
Funke, John . . . Pa.	Murphy, Felix Aloysius . . . Pa.
Gale, William Hodskin . . . N. Y.	Murray, Harry Wallace (Ph.B.), Ohio
Gerould, Theodore Fleming . . Ill.	Nice, Franklin Mickley . . . Pa.
Goddard, Francis Wayland (A.B.) . Pa.	Orr, Charles Albert . . . Pa.
Goheen, George Bailey . . . Pa.	Orr, Porter Bynum . . . N. C.
	Palmer, Joseph Bell . . . W. Va.

Patten, Robert Swift . . . Pa.	Solliday, Monroe Holben . . . Ill.
Patterson, Walter Scott . . . Pa.	Stauffer, Nathan Pennypacker . Pa.
Peterson, Albert Alonzo . . . Pa.	(D.D.S.) . . . Pa.
Petruska, Louis . . . Pa.	Steiner, Edwin . . . N. J.
Post, Sidney Haymond . . . W. Va.	Steele, Earnest Richmond . . Del.
Pridgen, Claude Leonard . . N. C.	Stewart, Acheson . . . Ireland
Pugh, Winfield Scott, Jr. . . Pa.	Stone, Ferdinand Fairfax, Jr., Ohio
	Strickler, James Porter . . . Pa.
Radasch, Henry Erdman . . . Iowa	Sunstein, Noah . . . Pa.
Rahn, Norman H. . . . Pa.	Symmers, Douglas . . . S. C.
Ralston, James H. . . . Pa.	
Randal, Harry Lee (Ph.G.), W. Va.	Thompson, Charles Jared . . Neb.
Rehbein, Louis William . . . Md.	Thornton, Harry Riehl . . . Pa.
Reibstein, Albert William . . Pa.	Trexler, Jacob Amos . . . Pa.
Reichard, Simon Warren . . Pa.	Ulrich, George A. . . . Pa.
Reid, Russell Alexander . . . Pa.	
Reilly, Eugene Crowell . . . Cal.	Vail, William Carey (A.B.) . . Ind.
Rhea, Edwin Wilson . . . Pa.	Van Kirk, Stephen Campbell, W. Va.
Rice, Archibald Le Roy . . . Pa.	Vernon, George Von . . . Ohio
Riegel, Thomas Francis . . . Pa.	Voigt, Arno Constantine . . . Pa.
Ritter, Frederic William . . . Pa.	
Rodebaugh, George Kinsman, Ohio	Wagner, Howard Alonzo . . . Pa.
Roop, Claude Diller . . . Pa.	Walters, DeForrest E. . . . Ill.
Round, Frederick Lutwycke . . Pa.	Weis, Leon . . . Pa.
Rufe, John Johnson . . . Pa.	Weiss, Harvey Beale (Ph.G.) . Pa.
	Weldon, Frank De Witt . . N. J.
Saltzmann, Louis Andrew . . . Pa.	Weller, James Edwin . . . Ind.
Shahan, Simon . . . Pa.	Weller, Joseph Newton . . . Ohio
Sharpnack, William Forest . . Pa.	Wetton, Charles . . . N. J.
Sheaff, Philip Atlee . . . Pa.	Williams, Louis Carswell . . N. J.
Shoemaker, Clinton Llewellyn . Pa.	Winslow, John Hayes . . . N. J.
Sitgreaves, Charles Burr . . . N. J.	Wise, Ralph Cherryholmes . . Ohio

SENIOR CLASS.

Adamson, Hiram Ross . . . Pa.	Burger, Earl Victor . . . Ind.
Atkinson, Curtis (A.B.) . . . Ind.	
Baer, Hermanus Ludwig . . . Pa.	Cadwallader, Seth Iredell . . . Pa.
Banks, Philo Hamlin . . . Pa.	Callahan, Bernard Joseph . . Ind.
Barr, Herbert Everard . . . Pa.	Cecil, Edgar Thomas . . . Ky.
Beach, Oliver Jarvis . . . Conn.	Chamberlain, Lowell Holbrook . Pa.
Blayney, Charles Alva . . . Pa.	(Ph.G.) . . . Ia.
Bleakney, Frank (A.B.) . . . Pa.	Cloud, J. Howard (M.D.) . . Pa.
Bley, Walter Clarence . . . Ill.	Coffman, Harry Lee . . . Cal.
Brace, Robert W. (A.B.) . . . N. J.	Culver, Charles F. . . . Mich.
Brandau, William Walker . . . Tenn.	
Brechemin, Louis, Jr. . . . Colo.	Dando, Elijah Tennyson . . . Ohio
Bremerman, Lewis Wine . . . Pa.	Dean, Alexander Huestis . . . Pa.
Brown, Alexander Aaron . . . Tex.	Der-Margossian, Arshag, Armenia
Brown, Allie Henry . . . Ore.	Donaldson, Louis DeHaven . . Pa.
Brown, Pearl Hubert (M.D.), S. Da.	Dougherty, Edward Stanislaus . Pa.
Brown, Swan Willmer . . . Ohio	Eason, James Thomas (M.D.), Ark.

Edmonds, William N. Y.	Minner, Louis Augustus (M.D.) Ill.
Eisenhardt, William George Pa.	(Ph.G.) Ill.
Ellis, Aller G. Pa.	Morales, Marcos Delio Cuba
Ewing, William Aaron Ohio	Morris, William Francis Ind.
Fletcher, Robert Swan Mass.	Mulherin, William Joseph, Jr. Pa.
Fletcher, Thomas Alfred Ohio	Newby, George Edgar N. C.
Funkhouser, Edgar Bright (B.S.) Va.	Noome, Andrew Joseph W. Va.
Gano, Frederick Frelinghuysen, N. Y.	Nutter, Harry Manlove Del.
George, Henry William Pa.	Osgood, Walter Wadsworth Ill.
Gilmore, Thomas Joseph Pa.	Parkin, Edwin Harris Pa.
Godfrey, Henry Granville Pa.	Payne, Frank Irvin Conn.
Goodman, Sylvester J. (Ph.G.), Ohio	Pearson, Eugene Oscar Pa.
Gordon, George Jacob Minn.	Pennington, Henry Vincent Ky.
Grace, James Thomas Mich.	(M.D.) Ky.
Graven, Thomas Arthur Ohio	Pole, William Edward Pa.
Gromann, John N. Y.	Powell, Oscar Littleton Va.
Gulick, Arthur Cornelius Wis.	Pratt, John Perkins (A.B.) Ohio
Hale, Willis Le Baron Mass.	Price, Charles Eli Pa.
Harman, William James Pa.	Prince, Linnaeus Hodgson Pa.
Hatfield, George Laughead Pa.	Ramsey, Clarence Scott (A.B.), Ohio
Hawkins, Charles Lewis Pa.	Reddan, Martin William Patrick N. J.
Hayes Randall Burrows Pa.	Repman, Harry Joseph Pa.
Hedley, James Roger Pa.	Richardson, Harry Tompkins Pa.
Henry, George N. J.	Ridpath, Paul Cole Wash.
Heyde, Jacob Myers Ohio	Robinhold, Daniel Guy Pa.
Heysham, Horace Besson Pa.	Robinson, Silas Edwin N. J.
Hill, Walter de la Montague Pa.	Rosier, John Bruner W. Va.
Hunsicker, Charles Heil Pa.	Santee, Charles La Motte Pa.
Jackson, Algernon Brashear Ind.	Schall, David Horace, Jr. Pa.
Jimenez, Luis Paulino (A.B.), C. R.	Schwartz, George Jacob Pa.
Johnson, Frederick Charles Pa.	Scull, James Ireland N. J.
Jones, Emlyn Pa.	Small, Thomas Winn Me.
Keck, George Osmon Pa.	Smith, Dudley Almonte (M.D.) Ohio
Keeney, Madison J. Ind.	Smith, Floyd Wilbert Ohio
Kieffer, George Christopher Pa.	Smith, William Bernard N. Y.
Kennedy, Joseph P. Pa.	Smith, Willard Wallace (M.D.), Ohio
Lambert, Charles Curtis Nev.	Sobenheimer, Harry Pa.
La Velle, Harry Minhern W. Va.	Stage, Jacob Samuel (Ph.G.), N. Y.
Le Fevre, Rufus Eshbach Pa.	Stockton, William Clark Ohio
Lewald, Samuel Pa.	Storrs, Eckley Raynor Conn.
Lindsey, John Hathaway Mass.	Street, Thomas Hezekiah Ala.
Lohrmann, Henry Ind.	Striebich, Joseph Albert Pa.
MacCarroll, David Randall Pa.	Stybr, Charles Joseph Pa.
McCay, Robert Burns (A.M.) Pa.	Sweeney, James Jerome Pa.
McCutcheon, John Curry Pa.	Swindells, Walton Creadick Pa.
MacOdum, Angus N. S.	Tatum, Harry Erskine Mo.
Mayhew, Samuel Dixon N. J.	Taylor, Mervyn Ross F. Canada
Mayhugh, Isaac Ind.	Taylor, Wilfred Jerrold Ohio
Meyers, Elmer Llewellyn Pa.	

Thigpen, William Jordan N. C.	Wetherbee, Joseph Robbins Ore.
Tucker, John Davis Pa.	White, Thomas Charles, Jr. Miss.
	Wick, Victor Vernon Ohio
Warren, Manley Clement (A.B.) Ky.	Woods, Samuel Albert Pa.

SPECIAL STUDENTS.

Allen, Francis Sherwin (M.D.), Pa.	Rea, Clarence Gallagher Ill.
Cloud, J. Howard (M.D.) Pa.	Sulzbacher, Carl I. (M.D.) Mo.
Corrigan, William Hilary (M.D.) Pa.	Waller, George P. (M.D.) Cal.
Detweiler, Moses H. (M.D.) Pa.	Winchester, Frank Mortimer N. C.
Lane, Leonidas Polk (M.D.) Ga.	(M.D.) N. C.

SUMMARY.

Students of Senior Class	125
Students of Junior Class	151
Students of Sophomore Class	168
Students of Freshman Class	185
Special Students	9
Total	638

RECAPITULATION.

Pennsylvania	366	Kansas	2
New Jersey	44	Louisiana	2
Ohio	36	Mississippi	2
New York	26	Nebraska	2
Massachusetts	17	Oregon	2
West Virginia	14	South Carolina	2
Indiana	11	Washington	2
Connecticut	10	Armenia	1
Illinois	10	Colombia, S. A.	1
Maine	8	Costa Rica	1
Georgia	7	Florida	1
California	6	Germany	1
Delaware	6	Idaho	1
Maryland	6	Ireland	1
North Carolina	6	Minnesota	1
Arkansas	5	Montana	1
Virginia	5	Nevada	1
Alabama	3	New Hampshire	1
Kentucky	3	Nova Scotia	1
Michigan	3	Persia	1
Missouri	3	South Dakota	1
Texas	3	Sweden	1
Wisconsin	3	Tennessee	1
Canada	2	Venezuela	1
Colorado	2		
Iowa	2	Total	638

ALUMNI ASSOCIATION OF
THE JEFFERSON MEDICAL COLLEGE
OF PHILADELPHIA.

THE objects of this Association are the promotion of the prosperity of the Jefferson Medical College, offering of prizes, publishing of the meritorious theses, endowment of scholarships for free medical education at the College of sons of Alumni whose means are limited, collection of anatomical and pathological specimens for the College museum, maintenance and cultivation of good feeling among the Alumni, and, above all, advancement of the interest of medical education and diffusion of sound medical knowledge.

The members of the Association are the graduates and professors of the Jefferson Medical College. The Trustees of the College and the Alumni of other recognized institutions are eligible to honorary membership. The annual contribution is *one dollar*, and when first paid constitutes the entrance fee to the Association. Any member who has paid his annual subscription for five years, or who has paid the sum of *five dollars*, becomes a life-member, and receives a diploma of life-membership, and is exempt from further dues. *The latter is the preferable plan of payment.*

Officers for the ensuing year:

President, J. K. Weaver, Norristown, Pa.

Vice Presidents: G. B. Dunmire, J. Van Buskirk, W. S. Stewart, T. E. Conard, Philadelphia; John Fay, Altoona; J. L. Ziegler, Mount Joy; H. H. Brotherlin, Hollidaysburg; John M. Duff, 2006 Carson Street, Pittsburg; W. H. Hartzell, Allentown; A. P. Hull, Montgomery Station; J. C. Biddle, Fountain Springs; W. B. Lowman, Johnstown; A. S. Wilson, Bristol; Wm. J. McKnight, Brookville; R. W. Ramsey, Chambersburg; J. W. Parke, 32 North Second Street, Harrisburg, Pa.; George A. Brown, Ala.; Thomas D. Hare, Ark.; I. S. Eshleman, Cal.; J. T. Eskridge, Col.; F. W. Arnold, Conn.; T. D. Ingram, D. C.; J. L. Gaskins, Fla.; Charles M. Drake, Ga.; James H. Bean, Idaho; H. B. Stehman, Ill.; J. R. Weist, Ind.; A. M. Clinkscales, I. T.; H. L. Getz, Ia.; M. A. Kogler, Kan.; J. W. Irwin, Ky.; J. A. Hamilton, La.; E. M. Ross, Me.; Samuel Johnson, Md.; Henry J. Walcott, Mass.; C. B. Nancrede, Mich.; Jacob E. Schadle, Minn.; J. W. King, Miss.; E. R. Lewis, Mo.; J. Clark Johnson, Mont.; G. L. Humphreys, Neb.; B. J. Powell, Nev.; James R. May, N. H.; W. H. Izard, N. J.; R. B. Benham, N. M.; T. A. Emmet, N. Y.; L. J. Picot, N. C.; H. J. Rowe, N. D.; W. S. Powell, O.; J. S. Parsons, Ore.; A. Mathews, R. I.; James P. Duckett, S. C.; S. B. Brown, S. D.; Richard Douglass, Tenn.; James H. Bell, Tex.; Willard V. Croxall, Utah; F. G. Prime, Vt.; F. L. C. Tice, Va.; Wm. C. Cox, Wash.; T. B. Camden, W. Va.; William F. Haucker, Wis.; J. H. Lott, Wyo.

Corresponding Secretary, Thos. G. Ashton, 128 South 17th Street, Philadelphia, Pa.

Recording Secretary, Wilmer Krusen, 127 N. 25th Street, Philadelphia, Pa.

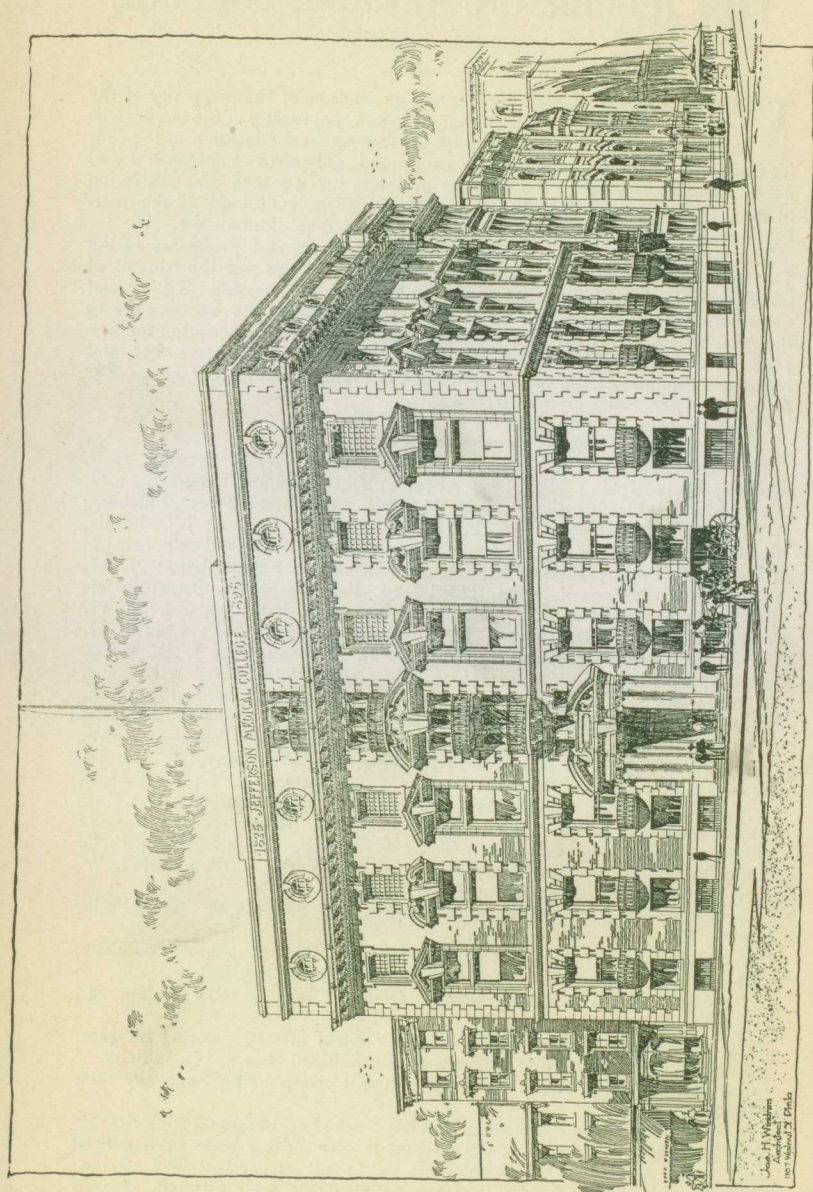
Treasurer, W. M. Sweet, 1131 Spruce St., Philadelphia, Pa.

Chairman of Executive Committee, Orville Horwitz, 1721 Walnut St., Philadelphia, Pa.

The Philadelphia chapter will hold four clinical meetings during the year. The annual business meeting will be held on the third Saturday in January.

Graduates are requested to forward to the Corresponding Secretary their present address.

* * * Members of the Association who have already paid annual subscriptions are respectfully reminded that the amount is due for five years from date of membership, and that it is desirable that they shall, at their earliest convenience, by completing the full amount specified for such purpose, become enrolled in the list of life-members of the Association.



THE JEFFERSON MEDICAL COLLEGE, PHILADELPHIA